# CALIBRATION SHEET

▣ **Product** : **VW Piezometer**
▣ **Model No.** : **SJ-4000**
▣ **Range** : **350kpa**
▣ **Resolution** : 0.025% FSR
▣ **Acuuracy** : ±0.1% FSR
▣ **Liearity** : ±0.5% FSR
▣ **Cable length** : **15** meter

▣ **Serial No.** : **50175**
▣ **Date** : 24-Feb-25
▣ **Temperature** : 15.0
▣ **Capacity** : 350kpa
▣ **Readout** : SJ-1200 (B)
▣ **Technician** : HeeJoo Lee

| Pressure (kpa) | 1st Cycle | Pressure (kpa) | 2nd Cycle | Average Pressure | Average Reading | Change | Linearity (%FSR) | Polynomial Fit (%FSR) |
|---|---|---|---|---|---|---|---|---|
| 0 | 8626 | 0 | 8625 | 0 | **8626** | | 0.04 | -0.01 |
| 70 | 8390 | 70 | 8389 | 70 | **8390** | 236 | 0.01 | 0.03 |
| 140 | 8154 | 140 | 8153 | 140 | **8154** | 236 | -0.02 | -0.01 |
| 210 | 7917 | 210 | 7917 | 210 | **7917** | 237 | -0.01 | 0.02 |
| 280 | 7681 | 280 | 7680 | 280 | **7681** | 237 | 0.00 | -0.02 |
| 350 | 7444 | 350 | 7443 | 350 | **7444** | 237 | 0.05 | 0.01 |

**Linear Gage Factor (G) :** 0.296126 (kpa/digit) **Regression Zero :** 8626

**Polynomia Gage Factors:** **A :** -6.624E-07 **B :** -0.28548 **C :** 2511.6932

**Thermal Factor (K) :** -0.353529 kpa/˚C

---

**Calculated Pressures : Linear, P = G(R0 -R1) + K(T1 -T0)**

(R0 : Initial value, R1 : Reading value, T1 : measured temperature, T0 : test temperature)

**Polynomial, $P = AR_1^2 + BR_1 + C + K(T_1 - T_0)$**

**Barometric compensation is not required with vented transducers.

---

* The user is advised to establsh zero conditions in the fieid by recording the reading at a known temperature and barometric pressure.

▣ **Wiring Code** : **Gage** (Red, Black) , **Temperature** (White, Green) , **Shield** (Bare)

SUNGJIN GEOTEC SUNGJIN GEOTEC CEO

Zip code:07266, 6-1 Yeongdeungporo25-gil, Yeongdeungpo-gu Seoul korea TEL:02)2635-7341~2 FAX:02)2635-7507

# CALIBRATION SHEET

▣ **Product** : **VW Piezometer**
▣ **Model No.** : **SJ-4000**
▣ **Range** : **350kpa**
▣ **Resolution** : 0.025% FSR
▣ **Acuuracy** : ±0.1% FSR
▣ **Liearity** : ±0.5% FSR
▣ **Cable length** : **15** meter

▣ **Serial No.** : **50176**
▣ **Date** : 24-Feb-25
▣ **Temperature** : 16.9
▣ **Capacity** : 350kpa
▣ **Readout** : SJ-1200 (B)
▣ **Technician** : HeeJoo Lee

| Pressure (kpa) | 1st Cycle | Pressure (kpa) | 2nd Cycle | Average Pressure | Average Reading | Change | Linearity (%FSR) | Polynomial Fit (%FSR) |
|---|---|---|---|---|---|---|---|---|
| 0 | 8571 | 0 | 8570 | 0 | **8571** | | -0.10 | -0.02 |
| 70 | 8261 | 70 | 8260 | 70 | **8261** | 310 | 0.02 | 0.03 |
| 140 | 7951 | 140 | 7952 | 140 | **7952** | 309 | 0.06 | 0.03 |
| 210 | 7643 | 210 | 7644 | 210 | **7644** | 308 | 0.05 | -0.03 |
| 280 | 7336 | 280 | 7336 | 280 | **7336** | 308 | 0.00 | -0.03 |
| 350 | 7029 | 350 | 7029 | 350 | **7029** | 307 | -0.08 | 0.03 |

**Linear Gage Factor (G) :** 0.227083 (kpa/digit) **Regression Zero :** 8569

**Polynomia Gage Factors:** **A :** 8.962E-07 **B :** -0.24106 **C :** 2000.1722

**Thermal Factor (K) :** -0.166528 kpa/˚C

---

**Calculated Pressures : Linear, P = G(R0 -R1) + K(T1 -T0)**

(R0 : Initial value, R1 : Reading value, T1 : measured temperature, T0 : test temperature)

**Polynomial, $P = AR_1^2 + BR_1 + C + K(T_1 - T_0)$**

**Barometric compensation is not required with vented transducers.

---

* The user is advised to establsh zero conditions in the fieid by recording the reading at a known temperature and barometric pressure.

▣ **Wiring Code** : **Gage** (Red, Black) , **Temperature** (White, Green) , **Shield** (Bare)

SUNGJIN GEOTEC SUNGJIN GEOTEC CEO

Zip code:07266, 6-1 Yeongdeungporo25-gil, Yeongdeungpo-gu Seoul korea TEL:02)2635-7341~2 FAX:02)2635-7507

# CALIBRATION SHEET

▣ **Product** : **VW Piezometer**
▣ **Model No.** : **SJ-4000**
▣ **Range** : **350kpa**
▣ **Resolution** : 0.025% FSR
▣ **Acuuracy** : ±0.1% FSR
▣ **Liearity** : ±0.5% FSR
▣ **Cable length** : **15** meter

▣ **Serial No.** : **50177**
▣ **Date** : 24-Feb-25
▣ **Temperature** : 16.2
▣ **Capacity** : 350kpa
▣ **Readout** : SJ-1200 (B)
▣ **Technician** : HeeJoo Lee

| Pressure (kpa) | 1st Cycle | Pressure (kpa) | 2nd Cycle | Average Pressure | Average Reading | Change | Linearity (%FSR) | Polynomial Fit (%FSR) |
|---|---|---|---|---|---|---|---|---|
| 0 | 8588 | 0 | 8587 | 0 | **8588** | | 0.11 | 0.01 |
| 70 | 8312 | 70 | 8311 | 70 | **8312** | 276 | -0.02 | -0.02 |
| 140 | 8034 | 140 | 8035 | 140 | **8035** | 277 | -0.08 | -0.02 |
| 210 | 7756 | 210 | 7757 | 210 | **7757** | 278 | -0.07 | 0.03 |
| 280 | 7478 | 280 | 7478 | 280 | **7478** | 279 | -0.02 | -0.01 |
| 350 | 7198 | 350 | 7199 | 350 | **7199** | 280 | 0.10 | -0.01 |

**Linear Gage Factor (G) :** 0.251967 (kpa/digit) **Regression Zero :** 8589

**Polynomia Gage Factors:** **A :** -1.370E-06 **B :** -0.23034 **C :** 2079.0808

**Thermal Factor (K) :** -0.364665 kpa/˚C

---

**Calculated Pressures : Linear, P = G(R0 -R1) + K(T1 -T0)**

(R0 : Initial value, R1 : Reading value, T1 : measured temperature, T0 : test temperature)

**Polynomial, $P = AR_1^2 + BR_1 + C + K(T_1 - T_0)$**

**Barometric compensation is not required with vented transducers.

---

* The user is advised to establsh zero conditions in the fieid by recording the reading at a known temperature and barometric pressure.

▣ **Wiring Code** : **Gage** (Red, Black) , **Temperature** (White, Green) , **Shield** (Bare)

SUNGJIN GEOTEC SUNGJIN GEOTEC CEO

Zip code:07266, 6-1 Yeongdeungporo25-gil, Yeongdeungpo-gu Seoul korea TEL:02)2635-7341~2 FAX:02)2635-7507

# CALIBRATION SHEET

▣ **Product** : **VW Piezometer**
▣ **Model No.** : **SJ-4000**
▣ **Range** : **350kpa**
▣ **Resolution** : 0.025% FSR
▣ **Acuuracy** : ±0.1% FSR
▣ **Liearity** : ±0.5% FSR
▣ **Cable length** : **15** meter

▣ **Serial No.** : **50178**
▣ **Date** : 24-Feb-25
▣ **Temperature** : 16.5
▣ **Capacity** : 350kpa
▣ **Readout** : SJ-1200 (B)
▣ **Technician** : HeeJoo Lee

| Pressure (kpa) | 1st Cycle | Pressure (kpa) | 2nd Cycle | Average Pressure | Average Reading | Change | Linearity (%FSR) | Polynomial Fit (%FSR) |
|---|---|---|---|---|---|---|---|---|
| 0 | 8623 | 0 | 8622 | 0 | **8623** | | 0.12 | -0.01 |
| 70 | 8365 | 70 | 8365 | 70 | **8365** | 258 | 0.01 | 0.02 |
| 140 | 8107 | 140 | 8107 | 140 | **8107** | 258 | -0.06 | -0.02 |
| 210 | 7848 | 210 | 7848 | 210 | **7848** | 259 | -0.05 | 0.01 |
| 280 | 7588 | 280 | 7589 | 280 | **7589** | 260 | 0.00 | -0.02 |
| 350 | 7328 | 350 | 7328 | 350 | **7328** | 261 | 0.12 | 0.01 |

**Linear Gage Factor (G) :** 0.270390 (kpa/digit) **Regression Zero :** 8624

**Polynomia Gage Factors:** **A :** -1.513E-06 **B :** -0.24626 **C :** 2235.8218

**Thermal Factor (K) :** -0.203436 kpa/˚C

**Calculated Pressures : Linear, P = G(R0 -R1) + K(T1 -T0)**

(R0 : Initial value, R1 : Reading value, T1 : measured temperature, T0 : test temperature)

**Polynomial, $P = AR_1^2 + BR_1 + C + K(T_1 - T_0)$**

** Barometric compensation is not required with vented transducers.

* The user is advised to establsh zero conditions in the fieid by recording the reading at a known temperature and barometric pressure.

▣ **Wiring Code** : **Gage** (Red, Black) , **Temperature** (White, Green) , **Shield** (Bare)

SUNGJIN GEOTEC SUNGJIN GEOTEC CEO

Zip code:07266, 6-1 Yeongdeungporo25-gil, Yeongdeungpo-gu Seoul korea TEL:02)2635-7341~2 FAX:02)2635-7507

# CALIBRATION SHEET

▣ **Product** : **VW Piezometer**
▣ **Model No.** : **SJ-4000**
▣ **Range** : **350kpa**
▣ **Resolution** : 0.025% FSR
▣ **Acuuracy** : ±0.1% FSR
▣ **Liearity** : ±0.5% FSR
▣ **Cable length** : **15** meter

▣ **Serial No.** : **50179**
▣ **Date** : 24-Feb-25
▣ **Temperature** : 17.9
▣ **Capacity** : 350kpa
▣ **Readout** : SJ-1200 (B)
▣ **Technician** : HeeJoo Lee

| Pressure (kpa) | 1st Cycle | Pressure (kpa) | 2nd Cycle | Average Pressure | Average Reading | Change | Linearity (%FSR) | Polynomial Fit (%FSR) |
|---|---|---|---|---|---|---|---|---|
| 0 | 8624 | 0 | 8623 | 0 | **8624** | | -0.12 | -0.01 |
| 70 | 8381 | 70 | 8382 | 70 | **8382** | 242 | 0.01 | 0.02 |
| 140 | 8140 | 140 | 8141 | 140 | **8141** | 241 | 0.06 | -0.02 |
| 210 | 7900 | 210 | 7900 | 210 | **7900** | 241 | 0.07 | 0.02 |
| 280 | 7660 | 280 | 7661 | 280 | **7661** | 240 | 0.00 | -0.02 |
| 350 | 7422 | 350 | 7421 | 350 | **7422** | 239 | -0.12 | 0.01 |

**Linear Gage Factor (G) :** 0.291199 (kpa/digit) **Regression Zero :** 8622

**Polynomia Gage Factors:** **A :** 1.890E-06 **B :** -0.32152 **C :** 2632.0690

**Thermal Factor (K) :** -0.243237 kpa/˚C

---

**Calculated Pressures : Linear, P = G(R0 -R1) + K(T1 -T0)**

(R0 : Initial value, R1 : Reading value, T1 : measured temperature, T0 : test temperature)

**Polynomial,** $P = AR_1^2 + BR_1 + C + K(T_1 - T_0)$

**Barometric compensation is not required with vented transducers.

---

* The user is advised to establsh zero conditions in the fieid by recording the reading at a known temperature and barometric pressure.

▣ **Wiring Code** : **Gage** (Red, Black) , **Temperature** (White, Green) , **Shield** (Bare)

SUNGJIN GEOTEC SUNGJIN GEOTEC CEO

Zip code:07266, 6-1 Yeongdeungporo25-gil, Yeongdeungpo-gu Seoul korea TEL:02)2635-7341~2 FAX:02)2635-7507

# CALIBRATION SHEET

▣ **Product** : **VW Piezometer**
▣ **Model No.** : **SJ-4000**
▣ **Range** : **350kpa**
▣ **Resolution** : 0.025% FSR
▣ **Acuuracy** : ±0.1% FSR
▣ **Liearity** : ±0.5% FSR
▣ **Cable length** : **15** meter

▣ **Serial No.** : **50180**
▣ **Date** : 24-Feb-25
▣ **Temperature** : 15.4
▣ **Capacity** : 350kpa
▣ **Readout** : SJ-1200 (B)
▣ **Technician** : HeeJoo Lee

| Pressure (kpa) | 1st Cycle | Pressure (kpa) | 2nd Cycle | Average Pressure | Average Reading | Change | Linearity (%FSR) | Polynomial Fit (%FSR) |
|---|---|---|---|---|---|---|---|---|
| 0 | 8584 | 0 | 8583 | 0 | **8584** | | 0.11 | 0.01 |
| 70 | 8320 | 70 | 8319 | 70 | **8320** | 264 | 0.01 | 0.01 |
| 140 | 8055 | 140 | 8055 | 140 | **8055** | 265 | -0.05 | -0.03 |
| 210 | 7790 | 210 | 7789 | 210 | **7790** | 266 | -0.03 | 0.02 |
| 280 | 7523 | 280 | 7524 | 280 | **7524** | 266 | 0.02 | 0.02 |
| 350 | 7257 | 350 | 7257 | 350 | **7257** | 267 | 0.11 | -0.01 |

**Linear Gage Factor (G) :** 0.263838 (kpa/digit) **Regression Zero :** 8585

**Polynomia Gage Factors:** **A :** -1.238E-06 **B :** -0.24422 **C :** 2187.5214

**Thermal Factor (K) :** -0.469204 kpa/˚C

---

**Calculated Pressures : Linear, P = G(R0 -R1) + K(T1 -T0)**

(R0 : Initial value, R1 : Reading value, T1 : measured temperature, T0 : test temperature)

**Polynomial, $P = AR_1^2 + BR_1 + C + K(T_1 - T_0)$**

**Barometric compensation is not required with vented transducers.

---

* The user is advised to establsh zero conditions in the fieid by recording the reading at a known temperature and barometric pressure.

▣ **Wiring Code** : **Gage** (Red, Black) , **Temperature** (White, Green) , **Shield** (Bare)

SUNGJIN GEOTEC SUNGJIN GEOTEC CEO

Zip code:07266, 6-1 Yeongdeungporo25-gil, Yeongdeungpo-gu Seoul korea TEL:02)2635-7341~2 FAX:02)2635-7507

# CALIBRATION SHEET

▣ **Product** : **VW Piezometer**
▣ **Model No.** : **SJ-4000**
▣ **Range** : **350kpa**
▣ **Resolution** : 0.025% FSR
▣ **Acuuracy** : ±0.1% FSR
▣ **Liearity** : ±0.5% FSR
▣ **Cable length** : **15** meter

▣ **Serial No.** : **50181**
▣ **Date** : 24-Feb-25
▣ **Temperature** : 18.8
▣ **Capacity** : 350kpa
▣ **Readout** : SJ-1200 (B)
▣ **Technician** : HeeJoo Lee

| Pressure (kpa) | 1st Cycle | Pressure (kpa) | 2nd Cycle | Average Pressure | Average Reading | Change | Linearity (%FSR) | Polynomial Fit (%FSR) |
|---|---|---|---|---|---|---|---|---|
| 0 | 8516 | 0 | 8516 | 0 | **8516** | | -0.08 | 0.01 |
| 70 | 8273 | 70 | 8274 | 70 | **8274** | 243 | 0.03 | -0.03 |
| 140 | 8032 | 140 | 8031 | 140 | **8032** | 242 | 0.11 | 0.01 |
| 210 | 7790 | 210 | 7791 | 210 | **7791** | 241 | 0.10 | -0.02 |
| 280 | 7550 | 280 | 7550 | 280 | **7550** | 241 | 0.05 | 0.02 |
| 350 | 7310 | 350 | 7311 | 350 | **7311** | 240 | -0.09 | -0.01 |

**Linear Gage Factor (G) :** 0.290319 (kpa/digit) **Regression Zero :** 8515

**Polynomia Gage Factors:** **A :** 1.873E-06 **B :** -0.31995 **C :** 2588.9355

**Thermal Factor (K) :** -0.407608 kpa/˚C

---

**Calculated Pressures : Linear, P = G(R0 -R1) + K(T1 -T0)**

(R0 : Initial value, R1 : Reading value, T1 : measured temperature, T0 : test temperature)

**Polynomial, $P = AR_1^2 + BR_1 + C + K(T_1 - T_0)$**

**Barometric compensation is not required with vented transducers.

---

* The user is advised to establsh zero conditions in the fieid by recording the reading at a known temperature and barometric pressure.

▣ **Wiring Code** : **Gage** (Red, Black) , **Temperature** (White, Green) , **Shield** (Bare)

SUNGJIN GEOTEC SUNGJIN GEOTEC CEO

Zip code:07266, 6-1 Yeongdeungporo25-gil, Yeongdeungpo-gu Seoul korea TEL:02)2635-7341~2 FAX:02)2635-7507

# CALIBRATION SHEET

▣ **Product** : **VW Piezometer**
▣ **Model No.** : **SJ-4000**
▣ **Range** : **350kpa**
▣ **Resolution** : 0.025% FSR
▣ **Acuuracy** : ±0.1% FSR
▣ **Liearity** : ±0.5% FSR
▣ **Cable length** : **15** meter

▣ **Serial No.** : **50182**
▣ **Date** : 24-Feb-25
▣ **Temperature** : 17.6
▣ **Capacity** : 350kpa
▣ **Readout** : SJ-1200 (B)
▣ **Technician** : HeeJoo Lee

| Pressure (kpa) | 1st Cycle | Pressure (kpa) | 2nd Cycle | Average Pressure | Average Reading | Change | Linearity (%FSR) | Polynomial Fit (%FSR) |
|---|---|---|---|---|---|---|---|---|
| 0 | 8604 | 0 | 8603 | 0 | **8604** | | 0.07 | 0.01 |
| 70 | 8205 | 70 | 8205 | 70 | **8205** | 399 | -0.01 | -0.01 |
| 140 | 7806 | 140 | 7805 | 140 | **7806** | 400 | -0.04 | 0.01 |
| 210 | 7406 | 210 | 7405 | 210 | **7406** | 400 | -0.04 | -0.01 |
| 280 | 7005 | 280 | 7004 | 280 | **7005** | 401 | 0.00 | 0.01 |
| 350 | 6603 | 350 | 6603 | 350 | **6603** | 402 | 0.07 | -0.01 |

**Linear Gage Factor (G) :** 0.174950 (kpa/digit) **Regression Zero :** 8605

**Polynomia Gage Factors:** **A :** -4.098E-07 **B :** -0.16872 **C :** 1481.9054

**Thermal Factor (K) :** -0.135416 kpa/˚C

---

**Calculated Pressures : Linear, P = G(R0 -R1) + K(T1 -T0)**

(R0 : Initial value, R1 : Reading value, T1 : measured temperature, T0 : test temperature)

**Polynomial, $P = AR_1^2 + BR_1 + C + K(T_1 - T_0)$**

**Barometric compensation is not required with vented transducers.

---

* The user is advised to establsh zero conditions in the fieid by recording the reading at a known temperature and barometric pressure.

▣ **Wiring Code** : **Gage** (Red, Black) , **Temperature** (White, Green) , **Shield** (Bare)

SUNGJIN GEOTEC SUNGJIN GEOTEC CEO

Zip code:07266, 6-1 Yeongdeungporo25-gil, Yeongdeungpo-gu Seoul korea TEL:02)2635-7341~2 FAX:02)2635-7507

# CALIBRATION SHEET

▣ **Product** : **VW Piezometer**
▣ **Model No.** : **SJ-4000**
▣ **Range** : **350kpa**
▣ **Resolution** : 0.025% FSR
▣ **Acuuracy** : ±0.1% FSR
▣ **Liearity** : ±0.5% FSR
▣ **Cable length** : **15** meter

▣ **Serial No.** : **50183**
▣ **Date** : 24-Feb-25
▣ **Temperature** : 18.2
▣ **Capacity** : 350kpa
▣ **Readout** : SJ-1200 (B)
▣ **Technician** : HeeJoo Lee

| Pressure (kpa) | 1st Cycle | Pressure (kpa) | 2nd Cycle | Average Pressure | Average Reading | Change | Linearity (%FSR) | Polynomial Fit (%FSR) |
|---|---|---|---|---|---|---|---|---|
| 0 | 8486 | 0 | 8485 | 0 | **8486** | | 0.11 | 0.01 |
| 70 | 8213 | 70 | 8213 | 70 | **8213** | 273 | -0.01 | -0.02 |
| 140 | 7940 | 140 | 7939 | 140 | **7940** | 274 | -0.05 | 0.01 |
| 210 | 7665 | 210 | 7666 | 210 | **7666** | 274 | -0.06 | -0.02 |
| 280 | 7391 | 280 | 7390 | 280 | **7391** | 275 | 0.00 | 0.02 |
| 350 | 7115 | 350 | 7115 | 350 | **7115** | 276 | 0.10 | -0.01 |

**Linear Gage Factor (G) :** 0.255368 (kpa/digit) **Regression Zero :** 8487

**Polynomia Gage Factors:** **A :** -1.275E-06 **B :** -0.23548 **C :** 2089.9793

**Thermal Factor (K) :** -0.357515 kpa/˚C

---

**Calculated Pressures : Linear, P = G(R0 -R1) + K(T1 -T0)**

(R0 : Initial value, R1 : Reading value, T1 : measured temperature, T0 : test temperature)

**Polynomial, $P = AR_1^2 + BR_1 + C + K(T_1 - T_0)$**

**Barometric compensation is not required with vented transducers.

---

* The user is advised to establsh zero conditions in the fieid by recording the reading at a known temperature and barometric pressure.

▣ **Wiring Code** : **Gage** (Red, Black) , **Temperature** (White, Green) , **Shield** (Bare)

SUNGJIN GEOTEC SUNGJIN GEOTEC CEO

Zip code:07266, 6-1 Yeongdeungporo25-gil, Yeongdeungpo-gu Seoul korea TEL:02)2635-7341~2 FAX:02)2635-7507

# CALIBRATION SHEET

▣ **Product** : **VW Piezometer**
▣ **Model No.** : **SJ-4000**
▣ **Range** : **350kpa**
▣ **Resolution** : 0.025% FSR
▣ **Acuuracy** : ±0.1% FSR
▣ **Liearity** : ±0.5% FSR
▣ **Cable length** : **15** meter

▣ **Serial No.** : **50184**
▣ **Date** : 24-Feb-25
▣ **Temperature** : 19.8
▣ **Capacity** : 350kpa
▣ **Readout** : SJ-1200 (B)
▣ **Technician** : HeeJoo Lee

| Pressure (kpa) | 1st Cycle | Pressure (kpa) | 2nd Cycle | Average Pressure | Average Reading | Change | Linearity (%FSR) | Polynomial Fit (%FSR) |
|---|---|---|---|---|---|---|---|---|
| 0 | 8491 | 0 | 8490 | 0 | **8491** | | 0.15 | 0.01 |
| 70 | 8168 | 70 | 8169 | 70 | **8169** | 322 | -0.02 | -0.02 |
| 140 | 7845 | 140 | 7845 | 140 | **7845** | 324 | -0.10 | -0.01 |
| 210 | 7520 | 210 | 7520 | 210 | **7520** | 325 | -0.09 | 0.03 |
| 280 | 7194 | 280 | 7194 | 280 | **7194** | 326 | -0.02 | 0.00 |
| 350 | 6866 | 350 | 6867 | 350 | **6867** | 328 | 0.15 | 0.00 |

**Linear Gage Factor (G) :** 0.215508 (kpa/digit) **Regression Zero :** 8493

**Polynomia Gage Factors:** **A :** -1.368E-06 **B :** -0.19450 **C :** 1750.0193

**Thermal Factor (K) :** -0.282555 kpa/˚C

**Calculated Pressures : Linear, P = G(R0 -R1) + K(T1 -T0)**

(R0 : Initial value, R1 : Reading value, T1 : measured temperature, T0 : test temperature)

**Polynomial,** $P = AR_1^2 + BR_1 + C + K(T_1 - T_0)$

**Barometric compensation is not required with vented transducers.

* The user is advised to establsh zero conditions in the fieid by recording the reading at a known temperature and barometric pressure.

▣ **Wiring Code** : **Gage** (Red, Black) , **Temperature** (White, Green) , **Shield** (Bare)

SUNGJIN GEOTEC SUNGJIN GEOTEC CEO

Zip code:07266, 6-1 Yeongdeungporo25-gil, Yeongdeungpo-gu Seoul korea TEL:02)2635-7341~2 FAX:02)2635-7507

# CALIBRATION SHEET

▣ **Product** : **VW Piezometer**
▣ **Model No.** : **SJ-4000**
▣ **Range** : **350kpa**
▣ **Resolution** : 0.025% FSR
▣ **Acuuracy** : ±0.1% FSR
▣ **Liearity** : ±0.5% FSR
▣ **Cable length** : **15** meter

▣ **Serial No.** : **50185**
▣ **Date** : 24-Feb-25
▣ **Temperature** : 19.1
▣ **Capacity** : 350kpa
▣ **Readout** : SJ-1200 (B)
▣ **Technician** : HeeJoo Lee

| Pressure (kpa) | 1st Cycle | Pressure (kpa) | 2nd Cycle | Average Pressure | Average Reading | Change | Linearity (%FSR) | Polynomial Fit (%FSR) |
|---|---|---|---|---|---|---|---|---|
| 0 | 8559 | 0 | 8558 | 0 | **8559** | | 0.09 | -0.01 |
| 70 | 8241 | 70 | 8240 | 70 | **8241** | 318 | -0.04 | 0.02 |
| 140 | 7922 | 140 | 7921 | 140 | **7922** | 319 | -0.12 | 0.01 |
| 210 | 7601 | 210 | 7602 | 210 | **7602** | 320 | -0.13 | -0.03 |
| 280 | 7280 | 280 | 7280 | 280 | **7280** | 322 | -0.05 | 0.01 |
| 350 | 6958 | 350 | 6957 | 350 | **6958** | 323 | 0.10 | 0.00 |

**Linear Gage Factor (G) :** 0.218623 (kpa/digit) **Regression Zero :** 8560

**Polynomia Gage Factors:** **A :** -1.238E-06 **B :** -0.19942 **C :** 1797.3671

**Thermal Factor (K) :** -0.207154 kpa/˚C

---

**Calculated Pressures : Linear, P = G(R0 -R1) + K(T1 -T0)**

(R0 : Initial value, R1 : Reading value, T1 : measured temperature, T0 : test temperature)

**Polynomial, $P = AR_1^2 + BR_1 + C + K(T_1 - T_0)$**

**Barometric compensation is not required with vented transducers.

---

* The user is advised to establsh zero conditions in the fieid by recording the reading at a known temperature and barometric pressure.

▣ **Wiring Code** : **Gage** (Red, Black) , **Temperature** (White, Green) , **Shield** (Bare)

SUNGJIN GEOTEC SUNGJIN GEOTEC CEO

Zip code:07266, 6-1 Yeongdeungporo25-gil, Yeongdeungpo-gu Seoul korea TEL:02)2635-7341~2 FAX:02)2635-7507

# CALIBRATION SHEET

▣ **Product** : **VW Piezometer**
▣ **Model No.** : **SJ-4000**
▣ **Range** : **350kpa**
▣ **Resolution** : 0.025% FSR
▣ **Acuuracy** : ±0.1% FSR
▣ **Liearity** : ±0.5% FSR
▣ **Cable length** : **15** meter

▣ **Serial No.** : **50186**
▣ **Date** : 24-Feb-25
▣ **Temperature** : 20.9
▣ **Capacity** : 350kpa
▣ **Readout** : SJ-1200 (B)
▣ **Technician** : HeeJoo Lee

| Pressure (kpa) | 1st Cycle | Pressure (kpa) | 2nd Cycle | Average Pressure | Average Reading | Change | Linearity (%FSR) | Polynomial Fit (%FSR) |
|---|---|---|---|---|---|---|---|---|
| 0 | 8629 | 0 | 8628 | 0 | **8629** | | -0.09 | 0.01 |
| 70 | 8285 | 70 | 8285 | 70 | **8285** | 344 | -0.01 | -0.01 |
| 140 | 7942 | 140 | 7942 | 140 | **7942** | 343 | 0.05 | 0.01 |
| 210 | 7600 | 210 | 7600 | 210 | **7600** | 342 | 0.04 | -0.01 |
| 280 | 7259 | 280 | 7258 | 280 | **7259** | 342 | 0.00 | 0.02 |
| 350 | 6918 | 350 | 6918 | 350 | **6918** | 341 | -0.09 | -0.01 |

**Linear Gage Factor (G) :** 0.204610 (kpa/digit) **Regression Zero :** 8627

**Polynomia Gage Factors:** **A :** 6.556E-07 **B :** -0.21480 **C :** 1804.6117

**Thermal Factor (K) :** -0.238310 kpa/˚C

---

**Calculated Pressures : Linear, P = G(R0 -R1) + K(T1 -T0)**

(R0 : Initial value, R1 : Reading value, T1 : measured temperature, T0 : test temperature)

**Polynomial, $P = AR_1^2 + BR_1 + C + K(T_1 - T_0)$**

**Barometric compensation is not required with vented transducers.

---

* The user is advised to establsh zero conditions in the fieid by recording the reading at a known temperature and barometric pressure.

▣ **Wiring Code** : **Gage** (Red, Black) , **Temperature** (White, Green) , **Shield** (Bare)

SUNGJIN GEOTEC SUNGJIN GEOTEC CEO

Zip code:07266, 6-1 Yeongdeungporo25-gil, Yeongdeungpo-gu Seoul korea TEL:02)2635-7341~2 FAX:02)2635-7507

# CALIBRATION SHEET

▣ **Product** : **VW Piezometer**
▣ **Model No.** : **SJ-4000**
▣ **Range** : **350kpa**
▣ **Resolution** : 0.025% FSR
▣ **Acuuracy** : ±0.1% FSR
▣ **Liearity** : ±0.5% FSR
▣ **Cable length** : **15** meter

▣ **Serial No.** : **50187**
▣ **Date** : 24-Feb-25
▣ **Temperature** : 23.6
▣ **Capacity** : 350kpa
▣ **Readout** : SJ-1200 (B)
▣ **Technician** : HeeJoo Lee

| Pressure (kpa) | 1st Cycle | Pressure (kpa) | 2nd Cycle | Average Pressure | Average Reading | Change | Linearity (%FSR) | Polynomial Fit (%FSR) |
|---|---|---|---|---|---|---|---|---|
| 0 | 8481 | 0 | 8480 | 0 | **8481** | | -0.10 | 0.01 |
| 70 | 8173 | 70 | 8172 | 70 | **8173** | 308 | 0.00 | -0.02 |
| 140 | 7865 | 140 | 7865 | 140 | **7865** | 308 | 0.07 | 0.02 |
| 210 | 7558 | 210 | 7559 | 210 | **7559** | 307 | 0.07 | 0.02 |
| 280 | 7253 | 280 | 7253 | 280 | **7253** | 306 | 0.00 | -0.02 |
| 350 | 6948 | 350 | 6948 | 350 | **6948** | 305 | -0.10 | 0.01 |

**Linear Gage Factor (G) :** 0.228385 (kpa/digit) **Regression Zero :** 8479

**Polynomia Gage Factors:** **A :** 9.985E-07 **B :** -0.24379 **C :** 1995.6536

**Thermal Factor (K) :** -0.215334 kpa/˚C

---

**Calculated Pressures : Linear, P = G(R0 -R1) + K(T1 -T0)**

(R0 : Initial value, R1 : Reading value, T1 : measured temperature, T0 : test temperature)

**Polynomial, $P = AR_1^2 + BR_1 + C + K(T_1 - T_0)$**

**Barometric compensation is not required with vented transducers.

---

* The user is advised to establsh zero conditions in the fieid by recording the reading at a known temperature and barometric pressure.

▣ **Wiring Code** : **Gage** (Red, Black) , **Temperature** (White, Green) , **Shield** (Bare)

SUNGJIN GEOTEC SUNGJIN GEOTEC CEO

Zip code:07266, 6-1 Yeongdeungporo25-gil, Yeongdeungpo-gu Seoul korea TEL:02)2635-7341~2 FAX:02)2635-7507

# CALIBRATION SHEET

▣ **Product** : **VW Piezometer**
▣ **Model No.** : **SJ-4000**
▣ **Range** : **350kpa**
▣ **Resolution** : 0.025% FSR
▣ **Acuuracy** : ±0.1% FSR
▣ **Liearity** : ±0.5% FSR
▣ **Cable length** : **15** meter

▣ **Serial No.** : **50188**
▣ **Date** : 24-Feb-25
▣ **Temperature** : 21.0
▣ **Capacity** : 350kpa
▣ **Readout** : SJ-1200 (B)
▣ **Technician** : HeeJoo Lee

| Pressure (kpa) | 1st Cycle | Pressure (kpa) | 2nd Cycle | Average Pressure | Average Reading | Change | Linearity (%FSR) | Polynomial Fit (%FSR) |
|---|---|---|---|---|---|---|---|---|
| 0 | 8614 | 0 | 8613 | 0 | **8614** | | 0.11 | 0.01 |
| 70 | 8348 | 70 | 8349 | 70 | **8349** | 265 | -0.01 | -0.02 |
| 140 | 8083 | 140 | 8082 | 140 | **8083** | 266 | -0.05 | 0.01 |
| 210 | 7816 | 210 | 7816 | 210 | **7816** | 267 | -0.06 | -0.02 |
| 280 | 7548 | 280 | 7549 | 280 | **7549** | 268 | 0.00 | 0.02 |
| 350 | 7281 | 350 | 7280 | 350 | **7281** | 268 | 0.11 | -0.01 |

**Linear Gage Factor (G) :** 0.262552 (kpa/digit) **Regression Zero :** 8615

**Polynomia Gage Factors:** **A :** -1.385E-06 **B :** -0.24054 **C :** 2174.6281

**Thermal Factor (K) :** -0.588116 kpa/˚C

---

**Calculated Pressures : Linear, P = G(R0 -R1) + K(T1 -T0)**

(R0 : Initial value, R1 : Reading value, T1 : measured temperature, T0 : test temperature)

**Polynomial, $P = AR_1^2 + BR_1 + C + K(T_1 - T_0)$**

**Barometric compensation is not required with vented transducers.

---

* The user is advised to establsh zero conditions in the fieid by recording the reading at a known temperature and barometric pressure.

▣ **Wiring Code** : **Gage** (Red, Black) , **Temperature** (White, Green) , **Shield** (Bare)

SUNGJIN GEOTEC SUNGJIN GEOTEC CEO

Zip code:07266, 6-1 Yeongdeungporo25-gil, Yeongdeungpo-gu Seoul korea TEL:02)2635-7341~2 FAX:02)2635-7507

# CALIBRATION SHEET

▣ **Product** : **VW Piezometer**
▣ **Model No.** : **SJ-4000**
▣ **Range** : **350kpa**
▣ **Resolution** : 0.025% FSR
▣ **Acuuracy** : ±0.1% FSR
▣ **Liearity** : ±0.5% FSR
▣ **Cable length** : **15** meter

▣ **Serial No.** : **50189**
▣ **Date** : 24-Feb-25
▣ **Temperature** : 17.5
▣ **Capacity** : 350kpa
▣ **Readout** : SJ-1200 (B)
▣ **Technician** : HeeJoo Lee

| Pressure (kpa) | 1st Cycle | Pressure (kpa) | 2nd Cycle | Average Pressure | Average Reading | Change | Linearity (%FSR) | Polynomial Fit (%FSR) |
|---|---|---|---|---|---|---|---|---|
| 0 | 8499 | 0 | 8499 | 0 | **8499** | | 0.08 | -0.01 |
| 70 | 8248 | 70 | 8247 | 70 | **8248** | 252 | -0.03 | 0.02 |
| 140 | 7995 | 140 | 7996 | 140 | **7996** | 252 | -0.10 | -0.01 |
| 210 | 7743 | 210 | 7742 | 210 | **7743** | 253 | -0.09 | 0.02 |
| 280 | 7489 | 280 | 7489 | 280 | **7489** | 254 | -0.04 | -0.02 |
| 350 | 7235 | 350 | 7234 | 350 | **7235** | 255 | 0.08 | 0.01 |

**Linear Gage Factor (G) :** 0.276805 (kpa/digit) **Regression Zero :** 8500

**Polynomia Gage Factors:** **A :** -1.623E-06 **B :** -0.25127 **C :** 2252.7435

**Thermal Factor (K) :** -0.246261 kpa/˚C

---

**Calculated Pressures : Linear, P = G(R0 -R1) + K(T1 -T0)**

(R0 : Initial value, R1 : Reading value, T1 : measured temperature, T0 : test temperature)

**Polynomial, $P = AR_1^2 + BR_1 + C + K(T_1 - T_0)$**

**Barometric compensation is not required with vented transducers.

---

* The user is advised to establsh zero conditions in the fieid by recording the reading at a known temperature and barometric pressure.

▣ **Wiring Code** : **Gage** (Red, Black) , **Temperature** (White, Green) , **Shield** (Bare)

SUNGJIN GEOTEC SUNGJIN GEOTEC CEO

Zip code:07266, 6-1 Yeongdeungporo25-gil, Yeongdeungpo-gu Seoul korea TEL:02)2635-7341~2 FAX:02)2635-7507

# CALIBRATION SHEET

▣ **Product** : **VW Piezometer**
▣ **Model No.** : **SJ-4000**
▣ **Range** : **350kpa**
▣ **Resolution** : 0.025% FSR
▣ **Acuuracy** : ±0.1% FSR
▣ **Liearity** : ±0.5% FSR
▣ **Cable length** : **15** meter

▣ **Serial No.** : **50190**
▣ **Date** : 24-Feb-25
▣ **Temperature** : 16.2
▣ **Capacity** : 350kpa
▣ **Readout** : SJ-1200 (B)
▣ **Technician** : HeeJoo Lee

| Pressure (kpa) | 1st Cycle | Pressure (kpa) | 2nd Cycle | Average Pressure | Average Reading | Change | Linearity (%FSR) | Polynomial Fit (%FSR) |
|---|---|---|---|---|---|---|---|---|
| 0 | 8575 | 0 | 8574 | 0 | **8575** | | 0.04 | -0.01 |
| 70 | 8302 | 70 | 8302 | 70 | **8302** | 273 | 0.01 | 0.02 |
| 140 | 8029 | 140 | 8030 | 140 | **8030** | 273 | -0.02 | -0.02 |
| 210 | 7757 | 210 | 7756 | 210 | **7757** | 273 | -0.01 | 0.01 |
| 280 | 7484 | 280 | 7483 | 280 | **7484** | 273 | 0.00 | -0.02 |
| 350 | 7210 | 350 | 7210 | 350 | **7210** | 274 | 0.04 | 0.01 |

**Linear Gage Factor (G) :** 0.256518 (kpa/digit) **Regression Zero :** 8575

**Polynomia Gage Factors:** **A :** -4.306E-07 **B :** -0.24972 **C :** 2172.8802

**Thermal Factor (K) :** -0.155765 kpa/˚C

---

**Calculated Pressures : Linear, P = G(R0 -R1) + K(T1 -T0)**

(R0 : Initial value, R1 : Reading value, T1 : measured temperature, T0 : test temperature)

**Polynomial, $P = AR_1^2 + BR_1 + C + K(T_1 - T_0)$**

**Barometric compensation is not required with vented transducers.

---

* The user is advised to establsh zero conditions in the fieid by recording the reading at a known temperature and barometric pressure.

▣ **Wiring Code** : **Gage** (Red, Black) , **Temperature** (White, Green) , **Shield** (Bare)

SUNGJIN GEOTEC SUNGJIN GEOTEC CEO

Zip code:07266, 6-1 Yeongdeungporo25-gil, Yeongdeungpo-gu Seoul korea TEL:02)2635-7341~2 FAX:02)2635-7507

# CALIBRATION SHEET

▣ **Product** : **VW Piezometer**
▣ **Model No.** : **SJ-4000**
▣ **Range** : **350kpa**
▣ **Resolution** : 0.025% FSR
▣ **Acuuracy** : ±0.1% FSR
▣ **Liearity** : ±0.5% FSR
▣ **Cable length** : **15** meter

▣ **Serial No.** : **50191**
▣ **Date** : 24-Feb-25
▣ **Temperature** : 18.8
▣ **Capacity** : 350kpa
▣ **Readout** : SJ-1200 (B)
▣ **Technician** : HeeJoo Lee

| Pressure (kpa) | 1st Cycle | Pressure (kpa) | 2nd Cycle | Average Pressure | Average Reading | Change | Linearity (%FSR) | Polynomial Fit (%FSR) |
|---|---|---|---|---|---|---|---|---|
| 0 | 8495 | 0 | 8494 | 0 | **8495** | | 0.03 | 0.01 |
| 70 | 8196 | 70 | 8195 | 70 | **8196** | 299 | -0.01 | -0.02 |
| 140 | 7896 | 140 | 7896 | 140 | **7896** | 300 | -0.02 | 0.01 |
| 210 | 7597 | 210 | 7596 | 210 | **7597** | 300 | -0.02 | -0.01 |
| 280 | 7296 | 280 | 7297 | 280 | **7297** | 300 | 0.00 | 0.02 |
| 350 | 6996 | 350 | 6997 | 350 | **6997** | 300 | 0.03 | -0.01 |

**Linear Gage Factor (G) :** 0.233634 (kpa/digit) **Regression Zero :** 8495

**Polynomia Gage Factors:** **A :** -3.253E-07 **B :** -0.22859 **C :** 1965.2744

**Thermal Factor (K) :** -0.297747 kpa/˚C

---

**Calculated Pressures : Linear, P = G(R0 -R1) + K(T1 -T0)**

(R0 : Initial value, R1 : Reading value, T1 : measured temperature, T0 : test temperature)

**Polynomial, $P = AR_1^2 + BR_1 + C + K(T_1 - T_0)$**

**Barometric compensation is not required with vented transducers.

---

* The user is advised to establsh zero conditions in the fieid by recording the reading at a known temperature and barometric pressure.

▣ **Wiring Code** : **Gage** (Red, Black) , **Temperature** (White, Green) , **Shield** (Bare)

SUNGJIN GEOTEC SUNGJIN GEOTEC CEO

Zip code:07266, 6-1 Yeongdeungporo25-gil, Yeongdeungpo-gu Seoul korea TEL:02)2635-7341~2 FAX:02)2635-7507

# CALIBRATION SHEET

▣ **Product** : **VW Piezometer**
▣ **Model No.** : **SJ-4000**
▣ **Range** : **350kpa**
▣ **Resolution** : 0.025% FSR
▣ **Acuuracy** : ±0.1% FSR
▣ **Liearity** : ±0.5% FSR
▣ **Cable length** : **15** meter

▣ **Serial No.** : **50192**
▣ **Date** : 24-Feb-25
▣ **Temperature** : 19.7
▣ **Capacity** : 350kpa
▣ **Readout** : SJ-1200 (B)
▣ **Technician** : HeeJoo Lee

| Pressure (kpa) | 1st Cycle | Pressure (kpa) | 2nd Cycle | Average Pressure | Average Reading | Change | Linearity (%FSR) | Polynomial Fit (%FSR) |
|---|---|---|---|---|---|---|---|---|
| 0 | 8521 | 0 | 8520 | 0 | **8521** | | 0.04 | 0.01 |
| 70 | 8294 | 70 | 8295 | 70 | **8295** | 226 | -0.01 | -0.03 |
| 140 | 8068 | 140 | 8068 | 140 | **8068** | 227 | -0.02 | 0.02 |
| 210 | 7842 | 210 | 7841 | 210 | **7842** | 227 | -0.03 | -0.02 |
| 280 | 7615 | 280 | 7614 | 280 | **7615** | 227 | 0.00 | 0.02 |
| 350 | 7388 | 350 | 7387 | 350 | **7388** | 227 | 0.04 | -0.01 |

**Linear Gage Factor (G) :** 0.308895 (kpa/digit) **Regression Zero :** 8521

**Polynomia Gage Factors:** **A :** -7.519E-07 **B :** -0.29693 **C :** 2584.6214

**Thermal Factor (K) :** -0.250918 kpa/˚C

---

**Calculated Pressures : Linear, P = G(R0 -R1) + K(T1 -T0)**

(R0 : Initial value, R1 : Reading value, T1 : measured temperature, T0 : test temperature)

**Polynomial, $P = AR_1^2 + BR_1 + C + K(T_1 - T_0)$**

**Barometric compensation is not required with vented transducers.

---

* The user is advised to establsh zero conditions in the fieid by recording the reading at a known temperature and barometric pressure.

▣ **Wiring Code** : **Gage** (Red, Black) , **Temperature** (White, Green) , **Shield** (Bare)

SUNGJIN GEOTEC SUNGJIN GEOTEC CEO

Zip code:07266, 6-1 Yeongdeungporo25-gil, Yeongdeungpo-gu Seoul korea TEL:02)2635-7341~2 FAX:02)2635-7507

# CALIBRATION SHEET

▣ **Product** : **VW Piezometer**
▣ **Model No.** : **SJ-4000**
▣ **Range** : **350kpa**
▣ **Resolution** : 0.025% FSR
▣ **Acuuracy** : ±0.1% FSR
▣ **Liearity** : ±0.5% FSR
▣ **Cable length** : **15** meter

▣ **Serial No.** : **50193**
▣ **Date** : 24-Feb-25
▣ **Temperature** : 20.7
▣ **Capacity** : 350kpa
▣ **Readout** : SJ-1200 (B)
▣ **Technician** : HeeJoo Lee

| Pressure (kpa) | 1st Cycle | Pressure (kpa) | 2nd Cycle | Average Pressure | Average Reading | Change | Linearity (%FSR) | Polynomial Fit (%FSR) |
|---|---|---|---|---|---|---|---|---|
| 0 | 8541 | 0 | 8541 | 0 | **8541** | | 0.16 | 0.01 |
| 70 | 8288 | 70 | 8288 | 70 | **8288** | 253 | -0.04 | -0.03 |
| 140 | 8033 | 140 | 8034 | 140 | **8034** | 255 | -0.12 | 0.02 |
| 210 | 7778 | 210 | 7778 | 210 | **7778** | 256 | -0.12 | 0.02 |
| 280 | 7522 | 280 | 7521 | 280 | **7522** | 257 | -0.04 | -0.03 |
| 350 | 7263 | 350 | 7264 | 350 | **7264** | 258 | 0.16 | 0.01 |

**Linear Gage Factor (G) :** 0.273973 (kpa/digit) **Regression Zero :** 8543

**Polynomia Gage Factors:** **A :** -2.473E-06 **B :** -0.23488 **C :** 2186.5558

**Thermal Factor (K) :** -0.496804 kpa/˚C

---

**Calculated Pressures : Linear, P = G(R0 -R1) + K(T1 -T0)**

(R0 : Initial value, R1 : Reading value, T1 : measured temperature, T0 : test temperature)

**Polynomial, $P = AR_1^2 + BR_1 + C + K(T_1 - T_0)$**

**Barometric compensation is not required with vented transducers.

---

* The user is advised to establsh zero conditions in the fieid by recording the reading at a known temperature and barometric pressure.

▣ **Wiring Code** : **Gage** (Red, Black) , **Temperature** (White, Green) , **Shield** (Bare)

SUNGJIN GEOTEC SUNGJIN GEOTEC CEO

Zip code:07266, 6-1 Yeongdeungporo25-gil, Yeongdeungpo-gu Seoul korea TEL:02)2635-7341~2 FAX:02)2635-7507

# CALIBRATION SHEET

▣ **Product** : **VW Piezometer**
▣ **Model No.** : **SJ-4000**
▣ **Range** : **350kpa**
▣ **Resolution** : 0.025% FSR
▣ **Acuuracy** : ±0.1% FSR
▣ **Liearity** : ±0.5% FSR
▣ **Cable length** : **15** meter

▣ **Serial No.** : **50194**
▣ **Date** : 24-Feb-25
▣ **Temperature** : 22.0
▣ **Capacity** : 350kpa
▣ **Readout** : SJ-1200 (B)
▣ **Technician** : HeeJoo Lee

| Pressure (kpa) | 1st Cycle | Pressure (kpa) | 2nd Cycle | Average Pressure | Average Reading | Change | Linearity (%FSR) | Polynomial Fit (%FSR) |
|---|---|---|---|---|---|---|---|---|
| 0 | 8585 | 0 | 8584 | 0 | **8585** | | 0.03 | 0.01 |
| 70 | 8259 | 70 | 8258 | 70 | **8259** | 326 | -0.03 | -0.01 |
| 140 | 7932 | 140 | 7932 | 140 | **7932** | 327 | -0.05 | -0.02 |
| 210 | 7605 | 210 | 7605 | 210 | **7605** | 327 | -0.05 | 0.00 |
| 280 | 7277 | 280 | 7278 | 280 | **7278** | 328 | -0.01 | 0.03 |
| 350 | 6950 | 350 | 6950 | 350 | **6950** | 328 | 0.02 | -0.02 |

**Linear Gage Factor (G) :** 0.214114 (kpa/digit) **Regression Zero :** 8585

**Polynomia Gage Factors:** **A :** -4.114E-07 **B :** -0.20772 **C :** 1813.5270

**Thermal Factor (K) :** -0.253130 kpa/˚C

---

**Calculated Pressures : Linear, P = G(R0 -R1) + K(T1 -T0)**

(R0 : Initial value, R1 : Reading value, T1 : measured temperature, T0 : test temperature)

**Polynomial, $P = AR_1^2 + BR_1 + C + K(T_1 - T_0)$**

**Barometric compensation is not required with vented transducers.

---

* The user is advised to establsh zero conditions in the fieid by recording the reading at a known temperature and barometric pressure.

▣ **Wiring Code** : **Gage** (Red, Black) , **Temperature** (White, Green) , **Shield** (Bare)

SUNGJIN GEOTEC SUNGJIN GEOTEC CEO

Zip code:07266, 6-1 Yeongdeungporo25-gil, Yeongdeungpo-gu Seoul korea TEL:02)2635-7341~2 FAX:02)2635-7507

# CALIBRATION SHEET

▣ **Product** : **VW Piezometer**
▣ **Model No.** : **SJ-4000**
▣ **Range** : **350kpa**
▣ **Resolution** : 0.025% FSR
▣ **Acuuracy** : ±0.1% FSR
▣ **Liearity** : ±0.5% FSR
▣ **Cable length** : **20** meter

▣ **Serial No.** : **50195**
▣ **Date** : 24-Feb-25
▣ **Temperature** : 17.0
▣ **Capacity** : 350kpa
▣ **Readout** : SJ-1200 (B)
▣ **Technician** : HeeJoo Lee

| Pressure (kpa) | 1st Cycle | Pressure (kpa) | 2nd Cycle | Average Pressure | Average Reading | Change | Linearity (%FSR) | Polynomial Fit (%FSR) |
|---|---|---|---|---|---|---|---|---|
| 0 | 8578 | 0 | 8577 | 0 | **8578** | | 0.03 | -0.01 |
| 70 | 8273 | 70 | 8272 | 70 | **8273** | 305 | -0.04 | 0.01 |
| 140 | 7967 | 140 | 7967 | 140 | **7967** | 306 | -0.07 | 0.02 |
| 210 | 7661 | 210 | 7661 | 210 | **7661** | 306 | -0.08 | 0.00 |
| 280 | 7354 | 280 | 7355 | 280 | **7355** | 307 | -0.05 | -0.03 |
| 350 | 7047 | 350 | 7047 | 350 | **7047** | 308 | 0.04 | 0.02 |

**Linear Gage Factor (G) :** 0.228705 (kpa/digit) **Regression Zero :** 8578

**Polynomia Gage Factors:** **A :** -7.193E-07 **B :** -0.21746 **C :** 1918.2177

**Thermal Factor (K) :** -0.216772 kpa/˚C

---

**Calculated Pressures : Linear, P = G(R0 -R1) + K(T1 -T0)**

(R0 : Initial value, R1 : Reading value, T1 : measured temperature, T0 : test temperature)

**Polynomial, $P = AR_1^2 + BR_1 + C + K(T_1 - T_0)$**

**Barometric compensation is not required with vented transducers.

---

* The user is advised to establsh zero conditions in the fieid by recording the reading at a known temperature and barometric pressure.

▣ **Wiring Code** : **Gage** (Red, Black) , **Temperature** (White, Green) , **Shield** (Bare)

SUNGJIN GEOTEC SUNGJIN GEOTEC CEO

Zip code:07266, 6-1 Yeongdeungporo25-gil, Yeongdeungpo-gu Seoul korea TEL:02)2635-7341~2 FAX:02)2635-7507

# CALIBRATION SHEET

▣ **Product** : **VW Piezometer**
▣ **Model No.** : **SJ-4000**
▣ **Range** : **350kpa**
▣ **Resolution** : 0.025% FSR
▣ **Acuuracy** : ±0.1% FSR
▣ **Liearity** : ±0.5% FSR
▣ **Cable length** : **20** meter

▣ **Serial No.** : **50196**
▣ **Date** : 24-Feb-25
▣ **Temperature** : 21.9
▣ **Capacity** : 350kpa
▣ **Readout** : SJ-1200 (B)
▣ **Technician** : HeeJoo Lee

| Pressure (kpa) | 1st Cycle | Pressure (kpa) | 2nd Cycle | Average Pressure | Average Reading | Change | Linearity (%FSR) | Polynomial Fit (%FSR) |
|---|---|---|---|---|---|---|---|---|
| 0 | 8572 | 0 | 8571 | 0 | **8572** | | 0.13 | 0.00 |
| 70 | 8340 | 70 | 8340 | 70 | **8340** | 232 | -0.04 | -0.01 |
| 140 | 8107 | 140 | 8108 | 140 | **8108** | 233 | -0.13 | 0.00 |
| 210 | 7874 | 210 | 7874 | 210 | **7874** | 234 | -0.13 | 0.00 |
| 280 | 7640 | 280 | 7639 | 280 | **7640** | 235 | -0.04 | 0.00 |
| 350 | 7404 | 350 | 7404 | 350 | **7404** | 236 | 0.13 | 0.00 |

**Linear Gage Factor (G) :** 0.299786 (kpa/digit) **Regression Zero :** 8573

**Polynomia Gage Factors:** **A :** -2.749E-06 **B :** -0.25586 **C :** 2395.1172

**Thermal Factor (K) :** -0.547301 kpa/˚C

---

**Calculated Pressures : Linear, P = G(R0 -R1) + K(T1 -T0)**

(R0 : Initial value, R1 : Reading value, T1 : measured temperature, T0 : test temperature)

**Polynomial, $P = AR_1^2 + BR_1 + C + K(T_1 - T_0)$**

**Barometric compensation is not required with vented transducers.

---

* The user is advised to establsh zero conditions in the fieid by recording the reading at a known temperature and barometric pressure.

▣ **Wiring Code** : **Gage** (Red, Black) , **Temperature** (White, Green) , **Shield** (Bare)

SUNGJIN GEOTEC SUNGJIN GEOTEC CEO

Zip code:07266, 6-1 Yeongdeungporo25-gil, Yeongdeungpo-gu Seoul korea TEL:02)2635-7341~2 FAX:02)2635-7507

# CALIBRATION SHEET

▣ **Product** : **VW Piezometer**
▣ **Model No.** : **SJ-4000**
▣ **Range** : **350kpa**
▣ **Resolution** : 0.025% FSR
▣ **Acuuracy** : ±0.1% FSR
▣ **Liearity** : ±0.5% FSR
▣ **Cable length** : **20** meter

▣ **Serial No.** : **50197**
▣ **Date** : 24-Feb-25
▣ **Temperature** : 21.8
▣ **Capacity** : 350kpa
▣ **Readout** : SJ-1200 (B)
▣ **Technician** : HeeJoo Lee

| Pressure (kpa) | 1st Cycle | Pressure (kpa) | 2nd Cycle | Average Pressure | Average Reading | Change | Linearity (%FSR) | Polynomial Fit (%FSR) |
|---|---|---|---|---|---|---|---|---|
| 0 | 8543 | 0 | 8542 | 0 | **8543** | | 0.12 | 0.01 |
| 70 | 8292 | 70 | 8293 | 70 | **8293** | 250 | -0.01 | -0.03 |
| 140 | 8041 | 140 | 8042 | 140 | **8042** | 251 | -0.06 | 0.01 |
| 210 | 7790 | 210 | 7790 | 210 | **7790** | 252 | -0.07 | -0.02 |
| 280 | 7538 | 280 | 7537 | 280 | **7538** | 253 | 0.00 | 0.02 |
| 350 | 7284 | 350 | 7285 | 350 | **7285** | 253 | 0.11 | -0.01 |

**Linear Gage Factor (G) :** 0.278204 (kpa/digit) **Regression Zero :** 8544

**Polynomia Gage Factors:** **A :** -1.648E-06 **B :** -0.25212 **C :** 2274.0098

**Thermal Factor (K) :** -0.504838 kpa/˚C

---

**Calculated Pressures : Linear, P = G(R0 -R1) + K(T1 -T0)**

(R0 : Initial value, R1 : Reading value, T1 : measured temperature, T0 : test temperature)

**Polynomial, $P = AR_1^2 + BR_1 + C + K(T_1 - T_0)$**

**Barometric compensation is not required with vented transducers.

---

* The user is advised to establsh zero conditions in the fieid by recording the reading at a known temperature and barometric pressure.

▣ **Wiring Code** : **Gage** (Red, Black) , **Temperature** (White, Green) , **Shield** (Bare)

SUNGJIN GEOTEC SUNGJIN GEOTEC CEO

Zip code:07266, 6-1 Yeongdeungporo25-gil, Yeongdeungpo-gu Seoul korea TEL:02)2635-7341~2 FAX:02)2635-7507

# CALIBRATION SHEET

▣ **Product** : **VW Piezometer**
▣ **Model No.** : **SJ-4000**
▣ **Range** : **350kpa**
▣ **Resolution** : 0.025% FSR
▣ **Acuuracy** : ±0.1% FSR
▣ **Liearity** : ±0.5% FSR
▣ **Cable length** : **20** meter

▣ **Serial No.** : **50198**
▣ **Date** : 24-Feb-25
▣ **Temperature** : 18.7
▣ **Capacity** : 350kpa
▣ **Readout** : SJ-1200 (B)
▣ **Technician** : HeeJoo Lee

| Pressure (kpa) | 1st Cycle | Pressure (kpa) | 2nd Cycle | Average Pressure | Average Reading | Change | Linearity (%FSR) | Polynomial Fit (%FSR) |
|---|---|---|---|---|---|---|---|---|
| 0 | 8544 | 0 | 8543 | 0 | **8544** | | -0.16 | -0.01 |
| 70 | 8226 | 70 | 8225 | 70 | **8226** | 318 | 0.05 | 0.03 |
| 140 | 7910 | 140 | 7909 | 140 | **7910** | 316 | 0.12 | -0.03 |
| 210 | 7595 | 210 | 7594 | 210 | **7595** | 315 | 0.14 | 0.03 |
| 280 | 7282 | 280 | 7281 | 280 | **7282** | 313 | 0.03 | -0.03 |
| 350 | 6970 | 350 | 6969 | 350 | **6970** | 312 | -0.15 | 0.01 |

**Linear Gage Factor (G) :** 0.222384 (kpa/digit) **Regression Zero :** 8541

**Polynomia Gage Factors:** **A :** 1.683E-06 **B :** -0.24849 **C :** 2000.1258

**Thermal Factor (K) :** -0.255936 kpa/˚C

---

**Calculated Pressures : Linear, P = G(R0 -R1) + K(T1 -T0)**

(R0 : Initial value, R1 : Reading value, T1 : measured temperature, T0 : test temperature)

**Polynomial, $P = AR_1^2 + BR_1 + C + K(T_1 - T_0)$**

**Barometric compensation is not required with vented transducers.

---

* The user is advised to establsh zero conditions in the fieid by recording the reading at a known temperature and barometric pressure.

▣ **Wiring Code** : **Gage** (Red, Black) , **Temperature** (White, Green) , **Shield** (Bare)

SUNGJIN GEOTEC SUNGJIN GEOTEC CEO

Zip code:07266, 6-1 Yeongdeungporo25-gil, Yeongdeungpo-gu Seoul korea TEL:02)2635-7341~2 FAX:02)2635-7507

# CALIBRATION SHEET

▣ **Product** : **VW Piezometer**
▣ **Model No.** : **SJ-4000**
▣ **Range** : **350kpa**
▣ **Resolution** : 0.025% FSR
▣ **Acuuracy** : ±0.1% FSR
▣ **Liearity** : ±0.5% FSR
▣ **Cable length** : **20** meter

▣ **Serial No.** : **50199**
▣ **Date** : 24-Feb-25
▣ **Temperature** : 18.1
▣ **Capacity** : 350kpa
▣ **Readout** : SJ-1200 (B)
▣ **Technician** : HeeJoo Lee

| Pressure (kpa) | 1st Cycle | Pressure (kpa) | 2nd Cycle | Average Pressure | Average Reading | Change | Linearity (%FSR) | Polynomial Fit (%FSR) |
|---|---|---|---|---|---|---|---|---|
| 0 | 8556 | 0 | 8555 | 0 | **8556** | | -0.08 | 0.01 |
| 70 | 8198 | 70 | 8198 | 70 | **8198** | 358 | -0.02 | -0.02 |
| 140 | 7841 | 140 | 7841 | 140 | **7841** | 357 | 0.02 | -0.01 |
| 210 | 7485 | 210 | 7484 | 210 | **7485** | 357 | 0.03 | 0.03 |
| 280 | 7129 | 280 | 7129 | 280 | **7129** | 356 | -0.01 | 0.00 |
| 350 | 6774 | 350 | 6774 | 350 | **6774** | 355 | -0.09 | 0.00 |

**Linear Gage Factor (G) :** 0.196456 (kpa/digit) **Regression Zero :** 8554

**Polynomia Gage Factors:** **A :** 5.112E-07 **B :** -0.20429 **C :** 1710.4109

**Thermal Factor (K) :** -0.142963 kpa/˚C

---

**Calculated Pressures : Linear, P = G(R0 -R1) + K(T1 -T0)**

(R0 : Initial value, R1 : Reading value, T1 : measured temperature, T0 : test temperature)

**Polynomial, $P = AR_1^2 + BR_1 + C + K(T_1 - T_0)$**

**Barometric compensation is not required with vented transducers.

---

* The user is advised to establsh zero conditions in the fieid by recording the reading at a known temperature and barometric pressure.

▣ **Wiring Code** : **Gage** (Red, Black) , **Temperature** (White, Green) , **Shield** (Bare)

SUNGJIN GEOTEC SUNGJIN GEOTEC CEO

Zip code:07266, 6-1 Yeongdeungporo25-gil, Yeongdeungpo-gu Seoul korea TEL:02)2635-7341~2 FAX:02)2635-7507

# CALIBRATION SHEET

▣ **Product** : **VW Piezometer**
▣ **Model No.** : **SJ-4000**
▣ **Range** : **350kpa**
▣ **Resolution** : 0.025% FSR
▣ **Acuuracy** : ±0.1% FSR
▣ **Liearity** : ±0.5% FSR
▣ **Cable length** : **20** meter

▣ **Serial No.** : **50200**
▣ **Date** : 24-Feb-25
▣ **Temperature** : 19.5
▣ **Capacity** : 350kpa
▣ **Readout** : SJ-1200 (B)
▣ **Technician** : HeeJoo Lee

| Pressure (kpa) | 1st Cycle | Pressure (kpa) | 2nd Cycle | Average Pressure | Average Reading | Change | Linearity (%FSR) | Polynomial Fit (%FSR) |
|---|---|---|---|---|---|---|---|---|
| 0 | 8608 | 0 | 8608 | 0 | **8608** | | 0.09 | -0.01 |
| 70 | 8377 | 70 | 8376 | 70 | **8377** | 232 | -0.03 | 0.03 |
| 140 | 8144 | 140 | 8145 | 140 | **8145** | 232 | -0.11 | -0.02 |
| 210 | 7911 | 210 | 7912 | 210 | **7912** | 233 | -0.10 | 0.02 |
| 280 | 7678 | 280 | 7678 | 280 | **7678** | 234 | -0.05 | -0.02 |
| 350 | 7444 | 350 | 7443 | 350 | **7444** | 235 | 0.09 | 0.01 |

**Linear Gage Factor (G) :** 0.300577 (kpa/digit) **Regression Zero :** 8609

**Polynomia Gage Factors: A :** -2.078E-06 **B :** -0.26722 **C :** 2454.1769

**Thermal Factor (K) :** -0.266344 kpa/˚C

---

**Calculated Pressures : Linear, P = G(R0 -R1) + K(T1 -T0)**

(R0 : Initial value, R1 : Reading value, T1 : measured temperature, T0 : test temperature)

**Polynomial, $P = AR_1^2 + BR_1 + C + K(T_1 - T_0)$**

**Barometric compensation is not required with vented transducers.

---

* The user is advised to establsh zero conditions in the fieid by recording the reading at a known temperature and barometric pressure.

▣ **Wiring Code** : **Gage** (Red, Black) , **Temperature** (White, Green) , **Shield** (Bare)

SUNGJIN GEOTEC SUNGJIN GEOTEC CEO

Zip code:07266, 6-1 Yeongdeungporo25-gil, Yeongdeungpo-gu Seoul korea TEL:02)2635-7341~2 FAX:02)2635-7507

# CALIBRATION SHEET

▣ **Product** : **VW Piezometer**
▣ **Model No.** : **SJ-4000**
▣ **Range** : **350kpa**
▣ **Resolution** : 0.025% FSR
▣ **Acuuracy** : ±0.1% FSR
▣ **Liearity** : ±0.5% FSR
▣ **Cable length** : **20** meter

▣ **Serial No.** : **50201**
▣ **Date** : 24-Feb-25
▣ **Temperature** : 20.9
▣ **Capacity** : 350kpa
▣ **Readout** : SJ-1200 (B)
▣ **Technician** : HeeJoo Lee

| Pressure (kpa) | 1st Cycle | Pressure (kpa) | 2nd Cycle | Average Pressure | Average Reading | Change | Linearity (%FSR) | Polynomial Fit (%FSR) |
|---|---|---|---|---|---|---|---|---|
| 0 | 8497 | 0 | 8497 | 0 | **8497** | | -0.07 | 0.00 |
| 70 | 8228 | 70 | 8228 | 70 | **8228** | 269 | 0.02 | -0.01 |
| 140 | 7960 | 140 | 7959 | 140 | **7960** | 269 | 0.08 | 0.03 |
| 210 | 7692 | 210 | 7692 | 210 | **7692** | 268 | 0.07 | -0.01 |
| 280 | 7425 | 280 | 7425 | 280 | **7425** | 267 | 0.02 | -0.02 |
| 350 | 7159 | 350 | 7158 | 350 | **7159** | 267 | -0.07 | 0.01 |

**Linear Gage Factor (G) :** 0.261501 (kpa/digit) **Regression Zero :** 8496

**Polynomia Gage Factors:** **A :** 1.206E-06 **B :** -0.28037 **C :** 2295.2909

**Thermal Factor (K) :** -0.235351 kpa/˚C

---

**Calculated Pressures : Linear, P = G(R0 -R1) + K(T1 -T0)**

(R0 : Initial value, R1 : Reading value, T1 : measured temperature, T0 : test temperature)

**Polynomial, $P = AR_1^2 + BR_1 + C + K(T_1 - T_0)$**

**Barometric compensation is not required with vented transducers.

---

* The user is advised to establsh zero conditions in the fieid by recording the reading at a known temperature and barometric pressure.

▣ **Wiring Code** : **Gage** (Red, Black) , **Temperature** (White, Green) , **Shield** (Bare)

SUNGJIN GEOTEC SUNGJIN GEOTEC CEO

Zip code:07266, 6-1 Yeongdeungporo25-gil, Yeongdeungpo-gu Seoul korea TEL:02)2635-7341~2 FAX:02)2635-7507

# CALIBRATION SHEET

▣ **Product** : **VW Piezometer**
▣ **Model No.** : **SJ-4000**
▣ **Range** : **350kpa**
▣ **Resolution** : 0.025% FSR
▣ **Acuuracy** : ±0.1% FSR
▣ **Liearity** : ±0.5% FSR
▣ **Cable length** : **20** meter

▣ **Serial No.** : **50202**
▣ **Date** : 24-Feb-25
▣ **Temperature** : 22.8
▣ **Capacity** : 350kpa
▣ **Readout** : SJ-1200 (B)
▣ **Technician** : HeeJoo Lee

| Pressure (kpa) | 1st Cycle | Pressure (kpa) | 2nd Cycle | Average Pressure | Average Reading | Change | Linearity (%FSR) | Polynomial Fit (%FSR) |
|---|---|---|---|---|---|---|---|---|
| 0 | 8605 | 0 | 8605 | 0 | **8605** | | -0.08 | 0.01 |
| 70 | 8352 | 70 | 8353 | 70 | **8353** | 253 | 0.03 | -0.02 |
| 140 | 8100 | 140 | 8101 | 140 | **8101** | 252 | 0.10 | 0.01 |
| 210 | 7849 | 210 | 7850 | 210 | **7850** | 251 | 0.09 | -0.02 |
| 280 | 7599 | 280 | 7599 | 280 | **7599** | 251 | 0.04 | 0.02 |
| 350 | 7350 | 350 | 7349 | 350 | **7350** | 250 | -0.09 | -0.01 |

**Linear Gage Factor (G) :** 0.278758 (kpa/digit) **Regression Zero :** 8604

**Polynomia Gage Factors:** **A :** 1.658E-06 **B :** -0.30520 **C :** 2503.5449

**Thermal Factor (K) :** -0.501764 kpa/˚C

**Calculated Pressures : Linear, P = G(R0 -R1) + K(T1 -T0)**

(R0 : Initial value, R1 : Reading value, T1 : measured temperature, T0 : test temperature)

**Polynomial, $P = AR_1^2 + BR_1 + C + K(T_1 - T_0)$**

**Barometric compensation is not required with vented transducers.

* The user is advised to establsh zero conditions in the fieid by recording the reading at a known temperature and barometric pressure.

▣ **Wiring Code** : **Gage** (Red, Black) , **Temperature** (White, Green) , **Shield** (Bare)

SUNGJIN GEOTEC SUNGJIN GEOTEC CEO

Zip code:07266, 6-1 Yeongdeungporo25-gil, Yeongdeungpo-gu Seoul korea TEL:02)2635-7341~2 FAX:02)2635-7507

# CALIBRATION SHEET

▣ **Product** : **VW Piezometer**
▣ **Model No.** : **SJ-4000**
▣ **Range** : **350kpa**
▣ **Resolution** : 0.025% FSR
▣ **Acuuracy** : ±0.1% FSR
▣ **Liearity** : ±0.5% FSR
▣ **Cable length** : **20** meter

▣ **Serial No.** : **50203**
▣ **Date** : 24-Feb-25
▣ **Temperature** : 20.2
▣ **Capacity** : 350kpa
▣ **Readout** : SJ-1200 (B)
▣ **Technician** : HeeJoo Lee

| Pressure (kpa) | 1st Cycle | Pressure (kpa) | 2nd Cycle | Average Pressure | Average Reading | Change | Linearity (%FSR) | Polynomial Fit (%FSR) |
|---|---|---|---|---|---|---|---|---|
| 0 | 8500 | 0 | 8499 | 0 | **8500** | | -0.09 | -0.01 |
| 70 | 8155 | 70 | 8154 | 70 | **8155** | 345 | 0.02 | 0.02 |
| 140 | 7811 | 140 | 7810 | 140 | **7811** | 344 | 0.07 | 0.01 |
| 210 | 7467 | 210 | 7468 | 210 | **7468** | 343 | 0.05 | -0.02 |
| 280 | 7125 | 280 | 7125 | 280 | **7125** | 343 | 0.01 | 0.01 |
| 350 | 6783 | 350 | 6784 | 350 | **6784** | 342 | -0.08 | 0.01 |

**Linear Gage Factor (G) :** 0.203971 (kpa/digit) **Regression Zero :** 8498

**Polynomia Gage Factors: A :** 7.268E-07 **B :** -0.21508 **C :** 1775.5386

**Thermal Factor (K) :** -0.135981 kpa/˚C

---

**Calculated Pressures : Linear, P = G(R0 -R1) + K(T1 -T0)**

(R0 : Initial value, R1 : Reading value, T1 : measured temperature, T0 : test temperature)

**Polynomial, $P = AR_1^2 + BR_1 + C + K(T_1 - T_0)$**

**Barometric compensation is not required with vented transducers.

---

* The user is advised to establsh zero conditions in the fieid by recording the reading at a known temperature and barometric pressure.

▣ **Wiring Code** : **Gage** (Red, Black) , **Temperature** (White, Green) , **Shield** (Bare)

SUNGJIN GEOTEC SUNGJIN GEOTEC CEO

Zip code:07266, 6-1 Yeongdeungporo25-gil, Yeongdeungpo-gu Seoul korea TEL:02)2635-7341~2 FAX:02)2635-7507

# CALIBRATION SHEET

▣ **Product** : **VW Piezometer**
▣ **Model No.** : **SJ-4000**
▣ **Range** : **350kpa**
▣ **Resolution** : 0.025% FSR
▣ **Acuuracy** : ±0.1% FSR
▣ **Liearity** : ±0.5% FSR
▣ **Cable length** : **20** meter

▣ **Serial No.** : **50204**
▣ **Date** : 24-Feb-25
▣ **Temperature** : 19.0
▣ **Capacity** : 350kpa
▣ **Readout** : SJ-1200 (B)
▣ **Technician** : HeeJoo Lee

| Pressure (kpa) | 1st Cycle | Pressure (kpa) | 2nd Cycle | Average Pressure | Average Reading | Change | Linearity (%FSR) | Polynomial Fit (%FSR) |
|---|---|---|---|---|---|---|---|---|
| 0 | 8593 | 0 | 8592 | 0 | **8593** | | -0.12 | -0.01 |
| 70 | 8334 | 70 | 8334 | 70 | **8334** | 259 | 0.01 | 0.02 |
| 140 | 8076 | 140 | 8077 | 140 | **8077** | 258 | 0.06 | -0.02 |
| 210 | 7820 | 210 | 7819 | 210 | **7820** | 257 | 0.07 | 0.02 |
| 280 | 7564 | 280 | 7563 | 280 | **7564** | 256 | 0.00 | -0.02 |
| 350 | 7308 | 350 | 7308 | 350 | **7308** | 256 | -0.11 | 0.01 |

**Linear Gage Factor (G) :** 0.272495 (kpa/digit) **Regression Zero :** 8591

**Polynomia Gage Factors:** **A :** 1.549E-06 **B :** -0.29711 **C :** 2438.6254

**Thermal Factor (K) :** -0.318877 kpa/˚C

---

**Calculated Pressures : Linear, P = G(R0 -R1) + K(T1 -T0)**

(R0 : Initial value, R1 : Reading value, T1 : measured temperature, T0 : test temperature)

**Polynomial, $P = AR_1^2 + BR_1 + C + K(T_1 - T_0)$**

** Barometric compensation is not required with vented transducers.

---

* The user is advised to establsh zero conditions in the fieid by recording the reading at a known temperature and barometric pressure.

▣ **Wiring Code** : **Gage** (Red, Black) , **Temperature** (White, Green) , **Shield** (Bare)

SUNGJIN GEOTEC SUNGJIN GEOTEC CEO

Zip code:07266, 6-1 Yeongdeungporo25-gil, Yeongdeungpo-gu Seoul korea TEL:02)2635-7341~2 FAX:02)2635-7507

# CALIBRATION SHEET

▣ **Product** : **VW Piezometer**
▣ **Model No.** : **SJ-4000**
▣ **Range** : **350kpa**
▣ **Resolution** : 0.025% FSR
▣ **Acuuracy** : ±0.1% FSR
▣ **Liearity** : ±0.5% FSR
▣ **Cable length** : **20** meter

▣ **Serial No.** : **50205**
▣ **Date** : 24-Feb-25
▣ **Temperature** : 20.5
▣ **Capacity** : 350kpa
▣ **Readout** : SJ-1200 (B)
▣ **Technician** : HeeJoo Lee

| Pressure (kpa) | 1st Cycle | Pressure (kpa) | 2nd Cycle | Average Pressure | Average Reading | Change | Linearity (%FSR) | Polynomial Fit (%FSR) |
|---|---|---|---|---|---|---|---|---|
| 0 | 8630 | 0 | 8629 | 0 | **8630** | | 0.08 | 0.00 |
| 70 | 8277 | 70 | 8277 | 70 | **8277** | 353 | 0.01 | 0.00 |
| 140 | 7924 | 140 | 7924 | 140 | **7924** | 353 | -0.04 | -0.03 |
| 210 | 7570 | 210 | 7570 | 210 | **7570** | 354 | -0.03 | 0.01 |
| 280 | 7215 | 280 | 7216 | 280 | **7216** | 355 | 0.01 | 0.02 |
| 350 | 6860 | 350 | 6861 | 350 | **6861** | 355 | 0.08 | -0.01 |

**Linear Gage Factor (G) :** 0.197844 (kpa/digit) **Regression Zero :** 8631

**Polynomia Gage Factors:** **A :** -5.221E-07 **B :** -0.18976 **C :** 1676.3846

**Thermal Factor (K) :** -0.145382 kpa/˚C

---

**Calculated Pressures : Linear, P = G(R0 -R1) + K(T1 -T0)**

(R0 : Initial value, R1 : Reading value, T1 : measured temperature, T0 : test temperature)

**Polynomial, $P = AR_1^2 + BR_1 + C + K(T_1 - T_0)$**

**Barometric compensation is not required with vented transducers.

---

* The user is advised to establsh zero conditions in the fieid by recording the reading at a known temperature and barometric pressure.

▣ **Wiring Code** : **Gage** (Red, Black) , **Temperature** (White, Green) , **Shield** (Bare)

SUNGJIN GEOTEC SUNGJIN GEOTEC CEO

Zip code:07266, 6-1 Yeongdeungporo25-gil, Yeongdeungpo-gu Seoul korea TEL:02)2635-7341~2 FAX:02)2635-7507

# CALIBRATION SHEET

▣ **Product** : **VW Piezometer**
▣ **Model No.** : **SJ-4000**
▣ **Range** : **350kpa**
▣ **Resolution** : 0.025% FSR
▣ **Acuuracy** : ±0.1% FSR
▣ **Liearity** : ±0.5% FSR
▣ **Cable length** : **20** meter

▣ **Serial No.** : **50206**
▣ **Date** : 24-Feb-25
▣ **Temperature** : 20.5
▣ **Capacity** : 350kpa
▣ **Readout** : SJ-1200 (B)
▣ **Technician** : HeeJoo Lee

| Pressure (kpa) | 1st Cycle | Pressure (kpa) | 2nd Cycle | Average Pressure | Average Reading | Change | Linearity (%FSR) | Polynomial Fit (%FSR) |
|---|---|---|---|---|---|---|---|---|
| 0 | 8610 | 0 | 8610 | 0 | **8610** | | -0.08 | -0.01 |
| 70 | 8356 | 70 | 8355 | 70 | **8356** | 255 | 0.06 | 0.02 |
| 140 | 8102 | 140 | 8102 | 140 | **8102** | 254 | 0.13 | 0.02 |
| 210 | 7850 | 210 | 7849 | 210 | **7850** | 253 | 0.11 | -0.03 |
| 280 | 7598 | 280 | 7597 | 280 | **7598** | 252 | 0.06 | 0.01 |
| 350 | 7347 | 350 | 7346 | 350 | **7347** | 251 | -0.07 | 0.01 |

**Linear Gage Factor (G) :** 0.277024 (kpa/digit) **Regression Zero :** 8609

**Polynomia Gage Factors:** **A :** 1.821E-06 **B :** -0.30607 **C :** 2500.3103

**Thermal Factor (K) :** -0.306778 kpa/˚C

---

**Calculated Pressures : Linear, P = G(R0 -R1) + K(T1 -T0)**

(R0 : Initial value, R1 : Reading value, T1 : measured temperature, T0 : test temperature)

**Polynomial, $P = AR_1^2 + BR_1 + C + K(T_1 - T_0)$**

**Barometric compensation is not required with vented transducers.

---

* The user is advised to establsh zero conditions in the fieid by recording the reading at a known temperature and barometric pressure.

▣ **Wiring Code** : **Gage** (Red, Black) , **Temperature** (White, Green) , **Shield** (Bare)

SUNGJIN GEOTEC SUNGJIN GEOTEC CEO

Zip code:07266, 6-1 Yeongdeungporo25-gil, Yeongdeungpo-gu Seoul korea TEL:02)2635-7341~2 FAX:02)2635-7507

# CALIBRATION SHEET

▣ **Product** : **VW Piezometer**
▣ **Model No.** : **SJ-4000**
▣ **Range** : **350kpa**
▣ **Resolution** : 0.025% FSR
▣ **Acuuracy** : ±0.1% FSR
▣ **Liearity** : ±0.5% FSR
▣ **Cable length** : **20** meter

▣ **Serial No.** : **50207**
▣ **Date** : 24-Feb-25
▣ **Temperature** : 21.3
▣ **Capacity** : 350kpa
▣ **Readout** : SJ-1200 (B)
▣ **Technician** : HeeJoo Lee

| Pressure (kpa) | 1st Cycle | Pressure (kpa) | 2nd Cycle | Average Pressure | Average Reading | Change | Linearity (%FSR) | Polynomial Fit (%FSR) |
|---|---|---|---|---|---|---|---|---|
| 0 | 8598 | 0 | 8598 | 0 | **8598** | | -0.07 | -0.01 |
| 70 | 8326 | 70 | 8325 | 70 | **8326** | 273 | 0.06 | 0.02 |
| 140 | 8054 | 140 | 8054 | 140 | **8054** | 272 | 0.12 | 0.02 |
| 210 | 7784 | 210 | 7783 | 210 | **7784** | 271 | 0.11 | -0.03 |
| 280 | 7513 | 280 | 7514 | 280 | **7514** | 270 | 0.06 | 0.01 |
| 350 | 7245 | 350 | 7244 | 350 | **7245** | 269 | -0.07 | 0.00 |

**Linear Gage Factor (G) :** 0.258602 (kpa/digit) **Regression Zero :** 8597

**Polynomia Gage Factors:** **A :** 1.481E-06 **B :** -0.28206 **C :** 2315.6922

**Thermal Factor (K) :** -0.311357 kpa/˚C

**Calculated Pressures : Linear, P = G(R0 -R1) + K(T1 -T0)**

(R0 : Initial value, R1 : Reading value, T1 : measured temperature, T0 : test temperature)

**Polynomial, $P = AR_1^2 + BR_1 + C + K(T_1 - T_0)$**

** Barometric compensation is not required with vented transducers.

* The user is advised to establsh zero conditions in the fieid by recording the reading at a known temperature and barometric pressure.

▣ **Wiring Code** : **Gage** (Red, Black) , **Temperature** (White, Green) , **Shield** (Bare)

SUNGJIN GEOTEC SUNGJIN GEOTEC CEO

Zip code:07266, 6-1 Yeongdeungporo25-gil, Yeongdeungpo-gu Seoul korea TEL:02)2635-7341~2 FAX:02)2635-7507

# CALIBRATION SHEET

▣ **Product** : **VW Piezometer**
▣ **Model No.** : **SJ-4000**
▣ **Range** : **350kpa**
▣ **Resolution** : 0.025% FSR
▣ **Acuuracy** : ±0.1% FSR
▣ **Liearity** : ±0.5% FSR
▣ **Cable length** : **20** meter

▣ **Serial No.** : **50208**
▣ **Date** : 24-Feb-25
▣ **Temperature** : 21.5
▣ **Capacity** : 350kpa
▣ **Readout** : SJ-1200 (B)
▣ **Technician** : HeeJoo Lee

| Pressure (kpa) | 1st Cycle | Pressure (kpa) | 2nd Cycle | Average Pressure | Average Reading | Change | Linearity (%FSR) | Polynomial Fit (%FSR) |
|---|---|---|---|---|---|---|---|---|
| 0 | 8578 | 0 | 8577 | 0 | **8578** | | 0.03 | 0.01 |
| 70 | 8279 | 70 | 8280 | 70 | **8280** | 298 | -0.01 | -0.02 |
| 140 | 7981 | 140 | 7981 | 140 | **7981** | 299 | -0.02 | 0.01 |
| 210 | 7682 | 210 | 7683 | 210 | **7683** | 299 | -0.02 | -0.01 |
| 280 | 7383 | 280 | 7384 | 280 | **7384** | 299 | 0.00 | 0.02 |
| 350 | 7084 | 350 | 7085 | 350 | **7085** | 299 | 0.03 | -0.01 |

**Linear Gage Factor (G) :** 0.234416 (kpa/digit) **Regression Zero :** 8578

**Polynomia Gage Factors:** **A :** -3.286E-07 **B :** -0.22927 **C :** 1990.7433

**Thermal Factor (K) :** -0.331053 kpa/˚C

---

**Calculated Pressures : Linear, P = G(R0 -R1) + K(T1 -T0)**

(R0 : Initial value, R1 : Reading value, T1 : measured temperature, T0 : test temperature)

**Polynomial, $P = AR_1^2 + BR_1 + C + K(T_1 - T_0)$**

**Barometric compensation is not required with vented transducers.

---

* The user is advised to establsh zero conditions in the fieid by recording the reading at a known temperature and barometric pressure.

▣ **Wiring Code** : **Gage** (Red, Black) , **Temperature** (White, Green) , **Shield** (Bare)

SUNGJIN GEOTEC SUNGJIN GEOTEC CEO

Zip code:07266, 6-1 Yeongdeungporo25-gil, Yeongdeungpo-gu Seoul korea TEL:02)2635-7341~2 FAX:02)2635-7507

# CALIBRATION SHEET

▣ **Product** : **VW Piezometer**
▣ **Model No.** : **SJ-4000**
▣ **Range** : **350kpa**
▣ **Resolution** : 0.025% FSR
▣ **Acuuracy** : ±0.1% FSR
▣ **Liearity** : ±0.5% FSR
▣ **Cable length** : **20** meter

▣ **Serial No.** : **50209**
▣ **Date** : 24-Feb-25
▣ **Temperature** : 20.0
▣ **Capacity** : 350kpa
▣ **Readout** : SJ-1200 (B)
▣ **Technician** : HeeJoo Lee

| Pressure (kpa) | 1st Cycle | Pressure (kpa) | 2nd Cycle | Average Pressure | Average Reading | Change | Linearity (%FSR) | Polynomial Fit (%FSR) |
|---|---|---|---|---|---|---|---|---|
| 0 | 8556 | 0 | 8556 | 0 | **8556** | | 0.08 | 0.01 |
| 70 | 8320 | 70 | 8320 | 70 | **8320** | 236 | -0.04 | -0.03 |
| 140 | 8083 | 140 | 8083 | 140 | **8083** | 237 | -0.08 | 0.02 |
| 210 | 7845 | 210 | 7846 | 210 | **7846** | 238 | -0.08 | 0.02 |
| 280 | 7607 | 280 | 7608 | 280 | **7608** | 238 | -0.04 | -0.03 |
| 350 | 7368 | 350 | 7369 | 350 | **7369** | 239 | 0.08 | 0.01 |

**Linear Gage Factor (G) :** 0.294737 (kpa/digit) **Regression Zero :** 8557

**Polynomia Gage Factors:** **A :** -1.773E-06 **B :** -0.26650 **C :** 2409.9982

**Thermal Factor (K) :** -0.480000 kpa/˚C

---

**Calculated Pressures : Linear, P = G(R0 -R1) + K(T1 -T0)**

(R0 : Initial value, R1 : Reading value, T1 : measured temperature, T0 : test temperature)

**Polynomial, $P = AR_1^2 + BR_1 + C + K(T_1 - T_0)$**

**Barometric compensation is not required with vented transducers.

---

* The user is advised to establsh zero conditions in the fieid by recording the reading at a known temperature and barometric pressure.

▣ **Wiring Code** : **Gage** (Red, Black) , **Temperature** (White, Green) , **Shield** (Bare)

SUNGJIN GEOTEC SUNGJIN GEOTEC CEO

Zip code:07266, 6-1 Yeongdeungporo25-gil, Yeongdeungpo-gu Seoul korea TEL:02)2635-7341~2 FAX:02)2635-7507

# CALIBRATION SHEET

▣ **Product** : **VW Piezometer**
▣ **Model No.** : **SJ-4000**
▣ **Range** : **350kpa**
▣ **Resolution** : 0.025% FSR
▣ **Acuuracy** : ±0.1% FSR
▣ **Liearity** : ±0.5% FSR
▣ **Cable length** : **20** meter

▣ **Serial No.** : **50210**
▣ **Date** : 24-Feb-25
▣ **Temperature** : 21.8
▣ **Capacity** : 350kpa
▣ **Readout** : SJ-1200 (B)
▣ **Technician** : HeeJoo Lee

| Pressure (kpa) | 1st Cycle | Pressure (kpa) | 2nd Cycle | Average Pressure | Average Reading | Change | Linearity (%FSR) | Polynomial Fit (%FSR) |
|---|---|---|---|---|---|---|---|---|
| 0 | 8586 | 0 | 8585 | 0 | **8586** | | 0.10 | -0.01 |
| 70 | 8298 | 70 | 8299 | 70 | **8299** | 287 | -0.01 | -0.01 |
| 140 | 8011 | 140 | 8010 | 140 | **8011** | 288 | -0.06 | 0.03 |
| 210 | 7722 | 210 | 7722 | 210 | **7722** | 289 | -0.07 | -0.02 |
| 280 | 7433 | 280 | 7432 | 280 | **7433** | 290 | -0.02 | -0.02 |
| 350 | 7142 | 350 | 7142 | 350 | **7142** | 291 | 0.11 | 0.01 |

**Linear Gage Factor (G) :** 0.242478 (kpa/digit) **Regression Zero :** 8587

**Polynomia Gage Factors:** **A :** -1.221E-06 **B :** -0.22327 **C :** 2006.9163

**Thermal Factor (K) :** -0.231185 kpa/˚C

---

**Calculated Pressures : Linear, P = G(R0 -R1) + K(T1 -T0)**

(R0 : Initial value, R1 : Reading value, T1 : measured temperature, T0 : test temperature)

**Polynomial, $P = AR_1^2 + BR_1 + C + K(T_1 - T_0)$**

**Barometric compensation is not required with vented transducers.

---

* The user is advised to establsh zero conditions in the fieid by recording the reading at a known temperature and barometric pressure.

▣ **Wiring Code** : **Gage** (Red, Black) , **Temperature** (White, Green) , **Shield** (Bare)

SUNGJIN GEOTEC SUNGJIN GEOTEC CEO

Zip code:07266, 6-1 Yeongdeungporo25-gil, Yeongdeungpo-gu Seoul korea TEL:02)2635-7341~2 FAX:02)2635-7507

# CALIBRATION SHEET

▣ **Product** : **VW Piezometer**
▣ **Model No.** : **SJ-4000**
▣ **Range** : **350kpa**
▣ **Resolution** : 0.025% FSR
▣ **Acuuracy** : ±0.1% FSR
▣ **Liearity** : ±0.5% FSR
▣ **Cable length** : **20** meter

▣ **Serial No.** : **50211**
▣ **Date** : 24-Feb-25
▣ **Temperature** : 20.0
▣ **Capacity** : 350kpa
▣ **Readout** : SJ-1200 (B)
▣ **Technician** : HeeJoo Lee

| Pressure (kpa) | 1st Cycle | Pressure (kpa) | 2nd Cycle | Average Pressure | Average Reading | Change | Linearity (%FSR) | Polynomial Fit (%FSR) |
|---|---|---|---|---|---|---|---|---|
| 0 | 8617 | 0 | 8616 | 0 | **8617** | | 0.13 | 0.00 |
| 70 | 8380 | 70 | 8381 | 70 | **8381** | 236 | -0.04 | -0.01 |
| 140 | 8144 | 140 | 8143 | 140 | **8144** | 237 | -0.13 | 0.00 |
| 210 | 7906 | 210 | 7905 | 210 | **7906** | 238 | -0.13 | 0.00 |
| 280 | 7667 | 280 | 7666 | 280 | **7667** | 239 | -0.04 | 0.00 |
| 350 | 7427 | 350 | 7426 | 350 | **7427** | 240 | 0.13 | 0.00 |

**Linear Gage Factor (G) :** 0.294118 (kpa/digit) **Regression Zero :** 8618

**Polynomia Gage Factors: A :** -2.596E-06 **B :** -0.25246 **C :** 2368.1108

**Thermal Factor (K) :** -0.628083 kpa/˚C

---

**Calculated Pressures : Linear, P = G(R0 -R1) + K(T1 -T0)**

(R0 : Initial value, R1 : Reading value, T1 : measured temperature, T0 : test temperature)

**Polynomial, $P = AR_1^2 + BR_1 + C + K(T_1 - T_0)$**

**Barometric compensation is not required with vented transducers.

---

* The user is advised to establsh zero conditions in the fieid by recording the reading at a known temperature and barometric pressure.

▣ **Wiring Code** : **Gage** (Red, Black) , **Temperature** (White, Green) , **Shield** (Bare)

SUNGJIN GEOTEC SUNGJIN GEOTEC CEO

Zip code:07266, 6-1 Yeongdeungporo25-gil, Yeongdeungpo-gu Seoul korea TEL:02)2635-7341~2 FAX:02)2635-7507

# CALIBRATION SHEET

▣ **Product** : **VW Piezometer**
▣ **Model No.** : **SJ-4000**
▣ **Range** : **350kpa**
▣ **Resolution** : 0.025% FSR
▣ **Acuuracy** : ±0.1% FSR
▣ **Liearity** : ±0.5% FSR
▣ **Cable length** : **20** meter

▣ **Serial No.** : **50212**
▣ **Date** : 24-Feb-25
▣ **Temperature** : 20.0
▣ **Capacity** : 350kpa
▣ **Readout** : SJ-1200 (B)
▣ **Technician** : HeeJoo Lee

| Pressure (kpa) | 1st Cycle | Pressure (kpa) | 2nd Cycle | Average Pressure | Average Reading | Change | Linearity (%FSR) | Polynomial Fit (%FSR) |
|---|---|---|---|---|---|---|---|---|
| 0 | 8639 | 0 | 8638 | 0 | **8639** | | 0.03 | -0.01 |
| 70 | 8324 | 70 | 8323 | 70 | **8324** | 315 | 0.00 | 0.03 |
| 140 | 8009 | 140 | 8008 | 140 | **8009** | 315 | -0.03 | -0.01 |
| 210 | 7693 | 210 | 7693 | 210 | **7693** | 316 | -0.03 | -0.01 |
| 280 | 7377 | 280 | 7377 | 280 | **7377** | 316 | 0.00 | 0.03 |
| 350 | 7061 | 350 | 7061 | 350 | **7061** | 316 | 0.03 | -0.01 |

**Linear Gage Factor (G) :** 0.221870 (kpa/digit) **Regression Zero :** 8639

**Polynomia Gage Factors:** **A :** -3.582E-07 **B :** -0.21625 **C :** 1894.7652

**Thermal Factor (K) :** -0.268756 kpa/˚C

---

**Calculated Pressures : Linear, P = G(R0 -R1) + K(T1 -T0)**

(R0 : Initial value, R1 : Reading value, T1 : measured temperature, T0 : test temperature)

**Polynomial, $P = AR_1^2 + BR_1 + C + K(T_1 - T_0)$**

**Barometric compensation is not required with vented transducers.

---

* The user is advised to establsh zero conditions in the fieid by recording the reading at a known temperature and barometric pressure.

▣ **Wiring Code** : **Gage** (Red, Black) , **Temperature** (White, Green) , **Shield** (Bare)

SUNGJIN GEOTEC SUNGJIN GEOTEC CEO

Zip code:07266, 6-1 Yeongdeungporo25-gil, Yeongdeungpo-gu Seoul korea TEL:02)2635-7341~2 FAX:02)2635-7507

# CALIBRATION SHEET

▣ **Product** : **VW Piezometer**
▣ **Model No.** : **SJ-4000**
▣ **Range** : **350kpa**
▣ **Resolution** : 0.025% FSR
▣ **Acuuracy** : ±0.1% FSR
▣ **Liearity** : ±0.5% FSR
▣ **Cable length** : **20** meter

▣ **Serial No.** : **50213**
▣ **Date** : 24-Feb-25
▣ **Temperature** : 18.9
▣ **Capacity** : 350kpa
▣ **Readout** : SJ-1200 (B)
▣ **Technician** : HeeJoo Lee

| Pressure (kpa) | 1st Cycle | Pressure (kpa) | 2nd Cycle | Average Pressure | Average Reading | Change | Linearity (%FSR) | Polynomial Fit (%FSR) |
|---|---|---|---|---|---|---|---|---|
| 0 | 8650 | 0 | 8649 | 0 | **8650** | | 0.10 | 0.00 |
| 70 | 8353 | 70 | 8352 | 70 | **8353** | 297 | 0.01 | 0.00 |
| 140 | 8055 | 140 | 8055 | 140 | **8055** | 298 | -0.04 | -0.03 |
| 210 | 7756 | 210 | 7757 | 210 | **7757** | 299 | -0.03 | 0.01 |
| 280 | 7458 | 280 | 7457 | 280 | **7458** | 299 | 0.02 | 0.02 |
| 350 | 7158 | 350 | 7158 | 350 | **7158** | 300 | 0.10 | -0.01 |

**Linear Gage Factor (G) :** 0.234652 (kpa/digit) **Regression Zero :** 8651

**Polynomia Gage Factors:** **A :** -8.711E-07 **B :** -0.22088 **C :** 1975.6887

**Thermal Factor (K) :** -0.204045 kpa/˚C

---

**Calculated Pressures : Linear, P = G(R0 -R1) + K(T1 -T0)**

(R0 : Initial value, R1 : Reading value, T1 : measured temperature, T0 : test temperature)

**Polynomial, $P = AR_1^2 + BR_1 + C + K(T_1 - T_0)$**

**Barometric compensation is not required with vented transducers.

---

* The user is advised to establsh zero conditions in the fieid by recording the reading at a known temperature and barometric pressure.

▣ **Wiring Code** : **Gage** (Red, Black) , **Temperature** (White, Green) , **Shield** (Bare)

SUNGJIN GEOTEC SUNGJIN GEOTEC CEO

Zip code:07266, 6-1 Yeongdeungporo25-gil, Yeongdeungpo-gu Seoul korea TEL:02)2635-7341~2 FAX:02)2635-7507

# CALIBRATION SHEET

▣ **Product** : **VW Piezometer**
▣ **Model No.** : **SJ-4000**
▣ **Range** : **350kpa**
▣ **Resolution** : 0.025% FSR
▣ **Acuuracy** : ±0.1% FSR
▣ **Liearity** : ±0.5% FSR
▣ **Cable length** : **20** meter

▣ **Serial No.** : **50214**
▣ **Date** : 24-Feb-25
▣ **Temperature** : 18.6
▣ **Capacity** : 350kpa
▣ **Readout** : SJ-1200 (B)
▣ **Technician** : HeeJoo Lee

| Pressure (kpa) | 1st Cycle | Pressure (kpa) | 2nd Cycle | Average Pressure | Average Reading | Change | Linearity (%FSR) | Polynomial Fit (%FSR) |
|---|---|---|---|---|---|---|---|---|
| 0 | 8617 | 0 | 8616 | 0 | **8617** | | 0.03 | 0.02 |
| 70 | 8318 | 70 | 8318 | 70 | **8318** | 299 | -0.02 | -0.02 |
| 140 | 8019 | 140 | 8019 | 140 | **8019** | 299 | -0.04 | -0.01 |
| 210 | 7720 | 210 | 7719 | 210 | **7720** | 300 | -0.03 | 0.03 |
| 280 | 7420 | 280 | 7420 | 280 | **7420** | 300 | -0.02 | 0.00 |
| 350 | 7120 | 350 | 7120 | 350 | **7120** | 300 | 0.03 | 0.00 |

**Linear Gage Factor (G) :** 0.233868 (kpa/digit) **Regression Zero :** 8617

**Polynomia Gage Factors:** **A :** -4.428E-07 **B :** -0.22690 **C :** 1987.9657

**Thermal Factor (K) :** -0.183713 kpa/˚C

---

**Calculated Pressures : Linear, P = G(R0 -R1) + K(T1 -T0)**

(R0 : Initial value, R1 : Reading value, T1 : measured temperature, T0 : test temperature)

**Polynomial, $P = AR_1^2 + BR_1 + C + K(T_1 - T_0)$**

**Barometric compensation is not required with vented transducers.

---

* The user is advised to establsh zero conditions in the fieid by recording the reading at a known temperature and barometric pressure.

▣ **Wiring Code** : **Gage** (Red, Black) , **Temperature** (White, Green) , **Shield** (Bare)

SUNGJIN GEOTEC SUNGJIN GEOTEC CEO

Zip code:07266, 6-1 Yeongdeungporo25-gil, Yeongdeungpo-gu Seoul korea TEL:02)2635-7341~2 FAX:02)2635-7507

# CALIBRATION SHEET

▣ **Product** : **VW Piezometer**
▣ **Model No.** : **SJ-4000**
▣ **Range** : **350kpa**
▣ **Resolution** : 0.025% FSR
▣ **Acuuracy** : ±0.1% FSR
▣ **Liearity** : ±0.5% FSR
▣ **Cable length** : **25** meter

▣ **Serial No.** : **50215**
▣ **Date** : 24-Feb-25
▣ **Temperature** : 20.1
▣ **Capacity** : 350kpa
▣ **Readout** : SJ-1200 (B)
▣ **Technician** : HeeJoo Lee

| Pressure (kpa) | 1st Cycle | Pressure (kpa) | 2nd Cycle | Average Pressure | Average Reading | Change | Linearity (%FSR) | Polynomial Fit (%FSR) |
|---|---|---|---|---|---|---|---|---|
| 0 | 8627 | 0 | 8626 | 0 | **8627** | | 0.04 | -0.01 |
| 70 | 8364 | 70 | 8364 | 70 | **8364** | 263 | 0.02 | 0.02 |
| 140 | 8102 | 140 | 8101 | 140 | **8102** | 263 | 0.01 | 0.02 |
| 210 | 7839 | 210 | 7839 | 210 | **7839** | 263 | 0.00 | -0.03 |
| 280 | 7576 | 280 | 7576 | 280 | **7576** | 263 | 0.02 | 0.01 |
| 350 | 7313 | 350 | 7313 | 350 | **7313** | 263 | 0.04 | 0.01 |

**Linear Gage Factor (G) :** 0.266478 (kpa/digit) **Regression Zero :** 8627

**Polynomia Gage Factors:** **A :** -3.103E-07 **B :** -0.26153 **C :** 2279.1825

**Thermal Factor (K) :** -0.447360 kpa/˚C

---

**Calculated Pressures : Linear, P = G(R0 -R1) + K(T1 -T0)**

(R0 : Initial value, R1 : Reading value, T1 : measured temperature, T0 : test temperature)

**Polynomial, $P = AR_1^2 + BR_1 + C + K(T_1 - T_0)$**

**Barometric compensation is not required with vented transducers.

---

* The user is advised to establsh zero conditions in the fieid by recording the reading at a known temperature and barometric pressure.

▣ **Wiring Code** : **Gage** (Red, Black) , **Temperature** (White, Green) , **Shield** (Bare)

SUNGJIN GEOTEC SUNGJIN GEOTEC CEO

Zip code:07266, 6-1 Yeongdeungporo25-gil, Yeongdeungpo-gu Seoul korea TEL:02)2635-7341~2 FAX:02)2635-7507

# CALIBRATION SHEET

▣ **Product** : **VW Piezometer**
▣ **Model No.** : **SJ-4000**
▣ **Range** : **350kpa**
▣ **Resolution** : 0.025% FSR
▣ **Acuuracy** : ±0.1% FSR
▣ **Liearity** : ±0.5% FSR
▣ **Cable length** : **25** meter

▣ **Serial No.** : **50216**
▣ **Date** : 24-Feb-25
▣ **Temperature** : 20.0
▣ **Capacity** : 350kpa
▣ **Readout** : SJ-1200 (B)
▣ **Technician** : HeeJoo Lee

| Pressure (kpa) | 1st Cycle | Pressure (kpa) | 2nd Cycle | Average Pressure | Average Reading | Change | Linearity (%FSR) | Polynomial Fit (%FSR) |
|---|---|---|---|---|---|---|---|---|
| 0 | 8572 | 0 | 8571 | 0 | **8572** | | -0.12 | -0.01 |
| 70 | 8315 | 70 | 8314 | 70 | **8315** | 257 | 0.01 | 0.02 |
| 140 | 8059 | 140 | 8058 | 140 | **8059** | 256 | 0.06 | -0.02 |
| 210 | 7803 | 210 | 7803 | 210 | **7803** | 256 | 0.07 | 0.01 |
| 280 | 7548 | 280 | 7549 | 280 | **7549** | 255 | 0.00 | -0.02 |
| 350 | 7295 | 350 | 7294 | 350 | **7295** | 254 | -0.11 | 0.01 |

**Linear Gage Factor (G) :** 0.274095 (kpa/digit) **Regression Zero :** 8570

**Polynomia Gage Factors:** **A :** 1.576E-06 **B :** -0.29910 **C :** 2447.9206

**Thermal Factor (K) :** -0.353738 kpa/˚C

---

**Calculated Pressures :** **Linear, P = G(R0 -R1) + K(T1 -T0)**

(R0 : Initial value, R1 : Reading value, T1 : measured temperature, T0 : test temperature)

**Polynomial, $P = AR_1^2 + BR_1 + C + K(T_1 - T_0)$**

**Barometric compensation is not required with vented transducers.

---

* The user is advised to establsh zero conditions in the fieid by recording the reading at a known temperature and barometric pressure.

▣ **Wiring Code** : **Gage** (Red, Black) , **Temperature** (White, Green) , **Shield** (Bare)

SUNGJIN GEOTEC SUNGJIN GEOTEC CEO

Zip code:07266, 6-1 Yeongdeungporo25-gil, Yeongdeungpo-gu Seoul korea TEL:02)2635-7341~2 FAX:02)2635-7507

# CALIBRATION SHEET

▣ **Product** : **VW Piezometer**
▣ **Model No.** : **SJ-4000**
▣ **Range** : **350kpa**
▣ **Resolution** : 0.025% FSR
▣ **Acuuracy** : ±0.1% FSR
▣ **Liearity** : ±0.5% FSR
▣ **Cable length** : **25** meter

▣ **Serial No.** : **50217**
▣ **Date** : 24-Feb-25
▣ **Temperature** : 19.3
▣ **Capacity** : 350kpa
▣ **Readout** : SJ-1200 (B)
▣ **Technician** : HeeJoo Lee

| Pressure (kpa) | 1st Cycle | Pressure (kpa) | 2nd Cycle | Average Pressure | Average Reading | Change | Linearity (%FSR) | Polynomial Fit (%FSR) |
|---|---|---|---|---|---|---|---|---|
| 0 | 8662 | 0 | 8661 | 0 | **8662** | | 0.10 | 0.01 |
| 70 | 8371 | 70 | 8370 | 70 | **8371** | 291 | -0.01 | -0.02 |
| 140 | 8078 | 140 | 8079 | 140 | **8079** | 292 | -0.05 | 0.01 |
| 210 | 7786 | 210 | 7786 | 210 | **7786** | 293 | -0.06 | -0.01 |
| 280 | 7493 | 280 | 7492 | 280 | **7493** | 294 | 0.00 | 0.02 |
| 350 | 7199 | 350 | 7198 | 350 | **7199** | 294 | 0.10 | -0.01 |

**Linear Gage Factor (G) :** 0.239223 (kpa/digit) **Regression Zero :** 8663

**Polynomia Gage Factors:** **A :** -1.048E-06 **B :** -0.22261 **C :** 2006.7048

**Thermal Factor (K) :** -0.369523 kpa/˚C

---

**Calculated Pressures : Linear, P = G(R0 -R1) + K(T1 -T0)**

(R0 : Initial value, R1 : Reading value, T1 : measured temperature, T0 : test temperature)

**Polynomial, $P = AR_1^2 + BR_1 + C + K(T_1 - T_0)$**

**Barometric compensation is not required with vented transducers.

---

* The user is advised to establsh zero conditions in the fieid by recording the reading at a known temperature and barometric pressure.

▣ **Wiring Code** : **Gage** (Red, Black) , **Temperature** (White, Green) , **Shield** (Bare)

SUNGJIN GEOTEC SUNGJIN GEOTEC CEO

Zip code:07266, 6-1 Yeongdeungporo25-gil, Yeongdeungpo-gu Seoul korea TEL:02)2635-7341~2 FAX:02)2635-7507

# CALIBRATION SHEET

▣ **Product** : **VW Piezometer**
▣ **Model No.** : **SJ-4000**
▣ **Range** : **350kpa**
▣ **Resolution** : 0.025% FSR
▣ **Acuuracy** : ±0.1% FSR
▣ **Liearity** : ±0.5% FSR
▣ **Cable length** : **25** meter

▣ **Serial No.** : **50218**
▣ **Date** : 24-Feb-25
▣ **Temperature** : 18.0
▣ **Capacity** : 350kpa
▣ **Readout** : SJ-1200 (B)
▣ **Technician** : HeeJoo Lee

| Pressure (kpa) | 1st Cycle | Pressure (kpa) | 2nd Cycle | Average Pressure | Average Reading | Change | Linearity (%FSR) | Polynomial Fit (%FSR) |
|---|---|---|---|---|---|---|---|---|
| 0 | 8565 | 0 | 8565 | 0 | **8565** | | -0.08 | 0.01 |
| 70 | 8319 | 70 | 8318 | 70 | **8319** | 247 | 0.03 | -0.02 |
| 140 | 8072 | 140 | 8073 | 140 | **8073** | 246 | 0.10 | 0.02 |
| 210 | 7827 | 210 | 7828 | 210 | **7828** | 245 | 0.09 | -0.01 |
| 280 | 7583 | 280 | 7583 | 280 | **7583** | 245 | 0.04 | 0.03 |
| 350 | 7339 | 350 | 7340 | 350 | **7340** | 244 | -0.09 | -0.01 |

**Linear Gage Factor (G) :** 0.285581 (kpa/digit) **Regression Zero :** 8564

**Polynomia Gage Factors:** **A :** 1.783E-06 **B :** -0.31393 **C :** 2558.0496

**Thermal Factor (K) :** -0.352217 kpa/˚C

**Calculated Pressures : Linear, P = G(R0 -R1) + K(T1 -T0)**

(R0 : Initial value, R1 : Reading value, T1 : measured temperature, T0 : test temperature)

**Polynomial,** $P = AR_1^2 + BR_1 + C + K(T_1 - T_0)$

**Barometric compensation is not required with vented transducers.

* The user is advised to establsh zero conditions in the fieid by recording the reading at a known temperature and barometric pressure.

▣ **Wiring Code** : **Gage** (Red, Black) , **Temperature** (White, Green) , **Shield** (Bare)

SUNGJIN GEOTEC SUNGJIN GEOTEC CEO

Zip code:07266, 6-1 Yeongdeungporo25-gil, Yeongdeungpo-gu Seoul korea TEL:02)2635-7341~2 FAX:02)2635-7507

# CALIBRATION SHEET

▣ **Product** : **VW Piezometer**
▣ **Model No.** : **SJ-4000**
▣ **Range** : **350kpa**
▣ **Resolution** : 0.025% FSR
▣ **Acuuracy** : ±0.1% FSR
▣ **Liearity** : ±0.5% FSR
▣ **Cable length** : **25** meter

▣ **Serial No.** : **50219**
▣ **Date** : 24-Feb-25
▣ **Temperature** : 16.0
▣ **Capacity** : 350kpa
▣ **Readout** : SJ-1200 (B)
▣ **Technician** : HeeJoo Lee

| Pressure (kpa) | 1st Cycle | Pressure (kpa) | 2nd Cycle | Average Pressure | Average Reading | Change | Linearity (%FSR) | Polynomial Fit (%FSR) |
|---|---|---|---|---|---|---|---|---|
| 0 | 8529 | 0 | 8529 | 0 | **8529** | | 0.12 | -0.01 |
| 70 | 8206 | 70 | 8205 | 70 | **8206** | 324 | -0.01 | 0.01 |
| 140 | 7881 | 140 | 7881 | 140 | **7881** | 325 | -0.08 | 0.01 |
| 210 | 7556 | 210 | 7555 | 210 | **7556** | 326 | -0.10 | -0.03 |
| 280 | 7228 | 280 | 7229 | 280 | **7229** | 327 | -0.01 | 0.00 |
| 350 | 6900 | 350 | 6901 | 350 | **6901** | 328 | 0.13 | 0.00 |

**Linear Gage Factor (G) :** 0.214931 (kpa/digit) **Regression Zero :** 8531

**Polynomia Gage Factors:** **A :** -1.176E-06 **B :** -0.19679 **C :** 1763.9135

**Thermal Factor (K) :** -0.208691 kpa/˚C

---

**Calculated Pressures : Linear, P = G(R0 -R1) + K(T1 -T0)**

(R0 : Initial value, R1 : Reading value, T1 : measured temperature, T0 : test temperature)

**Polynomial, $P = AR_1^2 + BR_1 + C + K(T_1 - T_0)$**

**Barometric compensation is not required with vented transducers.

---

* The user is advised to establsh zero conditions in the fieid by recording the reading at a known temperature and barometric pressure.

▣ **Wiring Code** : **Gage** (Red, Black) , **Temperature** (White, Green) , **Shield** (Bare)

SUNGJIN GEOTEC SUNGJIN GEOTEC CEO

Zip code:07266, 6-1 Yeongdeungporo25-gil, Yeongdeungpo-gu Seoul korea TEL:02)2635-7341~2 FAX:02)2635-7507

# CALIBRATION SHEET

▣ **Product** : **VW Piezometer**
▣ **Model No.** : **SJ-4000**
▣ **Range** : **350kpa**
▣ **Resolution** : 0.025% FSR
▣ **Acuuracy** : ±0.1% FSR
▣ **Liearity** : ±0.5% FSR
▣ **Cable length** : **25** meter

▣ **Serial No.** : **50220**
▣ **Date** : 24-Feb-25
▣ **Temperature** : 18.0
▣ **Capacity** : 350kpa
▣ **Readout** : SJ-1200 (B)
▣ **Technician** : HeeJoo Lee

| Pressure (kpa) | 1st Cycle | Pressure (kpa) | 2nd Cycle | Average Pressure | Average Reading | Change | Linearity (%FSR) | Polynomial Fit (%FSR) |
|---|---|---|---|---|---|---|---|---|
| 0 | 8545 | 0 | 8545 | 0 | **8545** | | -0.06 | 0.01 |
| 70 | 8220 | 70 | 8221 | 70 | **8221** | 325 | 0.03 | -0.02 |
| 140 | 7896 | 140 | 7897 | 140 | **7897** | 324 | 0.09 | 0.02 |
| 210 | 7574 | 210 | 7573 | 210 | **7574** | 323 | 0.09 | 0.02 |
| 280 | 7252 | 280 | 7251 | 280 | **7252** | 322 | 0.03 | -0.02 |
| 350 | 6930 | 350 | 6930 | 350 | **6930** | 322 | -0.06 | 0.01 |

**Linear Gage Factor (G) :** 0.216718 (kpa/digit) **Regression Zero :** 8544

**Polynomia Gage Factors:** **A :** 8.532E-07 **B :** -0.22992 **C :** 1902.3805

**Thermal Factor (K) :** -0.170732 kpa/˚C

---

**Calculated Pressures : Linear, P = G(R0 -R1) + K(T1 -T0)**

(R0 : Initial value, R1 : Reading value, T1 : measured temperature, T0 : test temperature)

**Polynomial, $P = AR_1^2 + BR_1 + C + K(T_1 - T_0)$**

**Barometric compensation is not required with vented transducers.

---

* The user is advised to establsh zero conditions in the fieid by recording the reading at a known temperature and barometric pressure.

▣ **Wiring Code** : **Gage** (Red, Black) , **Temperature** (White, Green) , **Shield** (Bare)

SUNGJIN GEOTEC SUNGJIN GEOTEC CEO

Zip code:07266, 6-1 Yeongdeungporo25-gil, Yeongdeungpo-gu Seoul korea TEL:02)2635-7341~2 FAX:02)2635-7507

# CALIBRATION SHEET

▣ **Product** : **VW Piezometer**
▣ **Model No.** : **SJ-4000**
▣ **Range** : **350kpa**
▣ **Resolution** : 0.025% FSR
▣ **Acuuracy** : ±0.1% FSR
▣ **Liearity** : ±0.5% FSR
▣ **Cable length** : **25** meter

▣ **Serial No.** : **50221**
▣ **Date** : 24-Feb-25
▣ **Temperature** : 18.4
▣ **Capacity** : 350kpa
▣ **Readout** : SJ-1200 (B)
▣ **Technician** : HeeJoo Lee

| Pressure (kpa) | 1st Cycle | Pressure (kpa) | 2nd Cycle | Average Pressure | Average Reading | Change | Linearity (%FSR) | Polynomial Fit (%FSR) |
|---|---|---|---|---|---|---|---|---|
| 0 | 8591 | 0 | 8592 | 0 | **8592** | | -0.03 | -0.01 |
| 70 | 8263 | 70 | 8262 | 70 | **8263** | 329 | 0.00 | 0.02 |
| 140 | 7934 | 140 | 7934 | 140 | **7934** | 329 | 0.00 | -0.02 |
| 210 | 7605 | 210 | 7606 | 210 | **7606** | 329 | 0.00 | -0.02 |
| 280 | 7277 | 280 | 7277 | 280 | **7277** | 329 | 0.00 | 0.02 |
| 350 | 6949 | 350 | 6949 | 350 | **6949** | 328 | -0.03 | -0.01 |

**Linear Gage Factor (G) :** 0.213090 (kpa/digit) **Regression Zero :** 8591

**Polynomia Gage Factors:** **A :** 1.763E-07 **B :** -0.21583 **C :** 1841.2790

**Thermal Factor (K) :** -0.342235 kpa/˚C

---

**Calculated Pressures : Linear, P = G(R0 -R1) + K(T1 -T0)**

(R0 : Initial value, R1 : Reading value, T1 : measured temperature, T0 : test temperature)

**Polynomial, $P = AR_1^2 + BR_1 + C + K(T_1 - T_0)$**

**Barometric compensation is not required with vented transducers.

---

* The user is advised to establsh zero conditions in the fieid by recording the reading at a known temperature and barometric pressure.

▣ **Wiring Code** : **Gage** (Red, Black) , **Temperature** (White, Green) , **Shield** (Bare)

SUNGJIN GEOTEC SUNGJIN GEOTEC CEO

Zip code:07266, 6-1 Yeongdeungporo25-gil, Yeongdeungpo-gu Seoul korea TEL:02)2635-7341~2 FAX:02)2635-7507

# CALIBRATION SHEET

▣ **Product** : **VW Piezometer**
▣ **Model No.** : **SJ-4000**
▣ **Range** : **350kpa**
▣ **Resolution** : 0.025% FSR
▣ **Acuuracy** : ±0.1% FSR
▣ **Liearity** : ±0.5% FSR
▣ **Cable length** : **25** meter

▣ **Serial No.** : **50222**
▣ **Date** : 24-Feb-25
▣ **Temperature** : 18.2
▣ **Capacity** : 350kpa
▣ **Readout** : SJ-1200 (B)
▣ **Technician** : HeeJoo Lee

| Pressure (kpa) | 1st Cycle | Pressure (kpa) | 2nd Cycle | Average Pressure | Average Reading | Change | Linearity (%FSR) | Polynomial Fit (%FSR) |
|---|---|---|---|---|---|---|---|---|
| 0 | 8605 | 0 | 8605 | 0 | **8605** | | 0.11 | 0.00 |
| 70 | 8248 | 70 | 8247 | 70 | **8248** | 358 | -0.01 | 0.00 |
| 140 | 7889 | 140 | 7889 | 140 | **7889** | 359 | -0.07 | -0.01 |
| 210 | 7529 | 210 | 7530 | 210 | **7530** | 360 | -0.07 | -0.03 |
| 280 | 7169 | 280 | 7168 | 280 | **7169** | 361 | 0.00 | 0.03 |
| 350 | 6807 | 350 | 6807 | 350 | **6807** | 362 | 0.11 | -0.02 |

**Linear Gage Factor (G) :** 0.194653 (kpa/digit) **Regression Zero :** 8607

**Polynomia Gage Factors:** **A :** -8.064E-07 **B :** -0.18222 **C :** 1627.7499

**Thermal Factor (K) :** -0.140976 kpa/˚C

---

**Calculated Pressures : Linear, P = G(R0 -R1) + K(T1 -T0)**

(R0 : Initial value, R1 : Reading value, T1 : measured temperature, T0 : test temperature)

**Polynomial, $P = AR_1^2 + BR_1 + C + K(T_1 - T_0)$**

**Barometric compensation is not required with vented transducers.

---

* The user is advised to establsh zero conditions in the fieid by recording the reading at a known temperature and barometric pressure.

▣ **Wiring Code** : **Gage** (Red, Black) , **Temperature** (White, Green) , **Shield** (Bare)

SUNGJIN GEOTEC SUNGJIN GEOTEC CEO

Zip code:07266, 6-1 Yeongdeungporo25-gil, Yeongdeungpo-gu Seoul korea TEL:02)2635-7341~2 FAX:02)2635-7507

# CALIBRATION SHEET

▣ **Product** : **VW Piezometer**
▣ **Model No.** : **SJ-4000**
▣ **Range** : **350kpa**
▣ **Resolution** : 0.025% FSR
▣ **Acuuracy** : ±0.1% FSR
▣ **Liearity** : ±0.5% FSR
▣ **Cable length** : **25** meter

▣ **Serial No.** : **50223**
▣ **Date** : 24-Feb-25
▣ **Temperature** : 20.8
▣ **Capacity** : 350kpa
▣ **Readout** : SJ-1200 (B)
▣ **Technician** : HeeJoo Lee

| Pressure (kpa) | 1st Cycle | Pressure (kpa) | 2nd Cycle | Average Pressure | Average Reading | Change | Linearity (%FSR) | Polynomial Fit (%FSR) |
|---|---|---|---|---|---|---|---|---|
| 0 | 8541 | 0 | 8540 | 0 | **8541** | | 0.08 | 0.01 |
| 70 | 8156 | 70 | 8157 | 70 | **8157** | 384 | -0.02 | -0.01 |
| 140 | 7771 | 140 | 7772 | 140 | **7772** | 385 | -0.07 | -0.01 |
| 210 | 7385 | 210 | 7386 | 210 | **7386** | 386 | -0.07 | 0.00 |
| 280 | 6998 | 280 | 6999 | 280 | **6999** | 387 | -0.01 | 0.03 |
| 350 | 6611 | 350 | 6611 | 350 | **6611** | 388 | 0.07 | -0.01 |

**Linear Gage Factor (G) :** 0.181381 (kpa/digit) **Regression Zero :** 8542

**Polynomia Gage Factors: A :** -5.545E-07 **B :** -0.17298 **C :** 1517.7773

**Thermal Factor (K) :** -0.159723 kpa/˚C

---

**Calculated Pressures : Linear, P = G(R0 -R1) + K(T1 -T0)**

(R0 : Initial value, R1 : Reading value, T1 : measured temperature, T0 : test temperature)

**Polynomial, $P = AR_1^2 + BR_1 + C + K(T_1 - T_0)$**

**Barometric compensation is not required with vented transducers.

---

* The user is advised to establsh zero conditions in the fieid by recording the reading at a known temperature and barometric pressure.

▣ **Wiring Code** : **Gage** (Red, Black) , **Temperature** (White, Green) , **Shield** (Bare)

SUNGJIN GEOTEC SUNGJIN GEOTEC CEO

Zip code:07266, 6-1 Yeongdeungporo25-gil, Yeongdeungpo-gu Seoul korea TEL:02)2635-7341~2 FAX:02)2635-7507

# CALIBRATION SHEET

▣ **Product** : **VW Piezometer**
▣ **Model No.** : **SJ-4000**
▣ **Range** : **350kpa**
▣ **Resolution** : 0.025% FSR
▣ **Acuuracy** : ±0.1% FSR
▣ **Liearity** : ±0.5% FSR
▣ **Cable length** : **25** meter

▣ **Serial No.** : **50224**
▣ **Date** : 24-Feb-25
▣ **Temperature** : 15.4
▣ **Capacity** : 350kpa
▣ **Readout** : SJ-1200 (B)
▣ **Technician** : HeeJoo Lee

| Pressure (kpa) | 1st Cycle | Pressure (kpa) | 2nd Cycle | Average Pressure | Average Reading | Change | Linearity (%FSR) | Polynomial Fit (%FSR) |
|---|---|---|---|---|---|---|---|---|
| 0 | 8533 | 0 | 8533 | 0 | **8533** | | 0.08 | -0.01 |
| 70 | 8278 | 70 | 8277 | 70 | **8278** | 256 | 0.02 | -0.01 |
| 140 | 8021 | 140 | 8022 | 140 | **8022** | 256 | 0.01 | 0.03 |
| 210 | 7766 | 210 | 7765 | 210 | **7766** | 256 | 0.00 | -0.02 |
| 280 | 7509 | 280 | 7509 | 280 | **7509** | 257 | 0.02 | -0.02 |
| 350 | 7252 | 350 | 7252 | 350 | **7252** | 257 | 0.08 | 0.01 |

**Linear Gage Factor (G) :** 0.273239 (kpa/digit) **Regression Zero :** 8534

**Polynomia Gage Factors:** **A :** -7.063E-07 **B :** -0.26209 **C :** 2287.8382

**Thermal Factor (K) :** -0.378487 kpa/˚C

---

**Calculated Pressures : Linear, P = G(R0 -R1) + K(T1 -T0)**

(R0 : Initial value, R1 : Reading value, T1 : measured temperature, T0 : test temperature)

**Polynomial, $P = AR_1^2 + BR_1 + C + K(T_1 - T_0)$**

** Barometric compensation is not required with vented transducers.

---

* The user is advised to establsh zero conditions in the fieid by recording the reading at a known temperature and barometric pressure.

▣ **Wiring Code** : **Gage** (Red, Black) , **Temperature** (White, Green) , **Shield** (Bare)

SUNGJIN GEOTEC SUNGJIN GEOTEC CEO

Zip code:07266, 6-1 Yeongdeungporo25-gil, Yeongdeungpo-gu Seoul korea TEL:02)2635-7341~2 FAX:02)2635-7507

# CALIBRATION SHEET

▣ **Product** : **VW Piezometer**
▣ **Model No.** : **SJ-4000**
▣ **Range** : **350kpa**
▣ **Resolution** : 0.025% FSR
▣ **Acuuracy** : ±0.1% FSR
▣ **Liearity** : ±0.5% FSR
▣ **Cable length** : **25** meter

▣ **Serial No.** : **50225**
▣ **Date** : 24-Feb-25
▣ **Temperature** : 16.9
▣ **Capacity** : 350kpa
▣ **Readout** : SJ-1200 (B)
▣ **Technician** : HeeJoo Lee

| Pressure (kpa) | 1st Cycle | Pressure (kpa) | 2nd Cycle | Average Pressure | Average Reading | Change | Linearity (%FSR) | Polynomial Fit (%FSR) |
|---|---|---|---|---|---|---|---|---|
| 0 | 8488 | 0 | 8487 | 0 | **8488** | | 0.04 | -0.01 |
| 70 | 8243 | 70 | 8242 | 70 | **8243** | 245 | -0.02 | -0.01 |
| 140 | 7997 | 140 | 7997 | 140 | **7997** | 246 | -0.03 | 0.03 |
| 210 | 7752 | 210 | 7751 | 210 | **7752** | 246 | -0.05 | -0.02 |
| 280 | 7505 | 280 | 7506 | 280 | **7506** | 246 | -0.02 | -0.03 |
| 350 | 7259 | 350 | 7259 | 350 | **7259** | 247 | 0.05 | 0.01 |

**Linear Gage Factor (G) :** 0.284917 (kpa/digit) **Regression Zero :** 8488

**Polynomia Gage Factors:** **A :** -8.008E-07 **B :** -0.27231 **C :** 2368.8889

**Thermal Factor (K) :** -0.602176 kpa/˚C

---

**Calculated Pressures : Linear, P = G(R0 -R1) + K(T1 -T0)**

(R0 : Initial value, R1 : Reading value, T1 : measured temperature, T0 : test temperature)

**Polynomial, $P = AR_1^2 + BR_1 + C + K(T_1 - T_0)$**

**Barometric compensation is not required with vented transducers.

---

* The user is advised to establsh zero conditions in the fieid by recording the reading at a known temperature and barometric pressure.

▣ **Wiring Code** : **Gage** (Red, Black) , **Temperature** (White, Green) , **Shield** (Bare)

SUNGJIN GEOTEC SUNGJIN GEOTEC CEO

Zip code:07266, 6-1 Yeongdeungporo25-gil, Yeongdeungpo-gu Seoul korea TEL:02)2635-7341~2 FAX:02)2635-7507

# CALIBRATION SHEET

▣ **Product** : **VW Piezometer**
▣ **Model No.** : **SJ-4000**
▣ **Range** : **350kpa**
▣ **Resolution** : 0.025% FSR
▣ **Acuuracy** : ±0.1% FSR
▣ **Liearity** : ±0.5% FSR
▣ **Cable length** : **25** meter

▣ **Serial No.** : **50226**
▣ **Date** : 24-Feb-25
▣ **Temperature** : 17.6
▣ **Capacity** : 350kpa
▣ **Readout** : SJ-1200 (B)
▣ **Technician** : HeeJoo Lee

| Pressure (kpa) | 1st Cycle | Pressure (kpa) | 2nd Cycle | Average Pressure | Average Reading | Change | Linearity (%FSR) | Polynomial Fit (%FSR) |
|---|---|---|---|---|---|---|---|---|
| 0 | 8596 | 0 | 8596 | 0 | **8596** | | 0.07 | -0.01 |
| 70 | 8314 | 70 | 8313 | 70 | **8314** | 283 | -0.04 | 0.03 |
| 140 | 8030 | 140 | 8031 | 140 | **8031** | 283 | -0.11 | -0.02 |
| 210 | 7747 | 210 | 7746 | 210 | **7747** | 284 | -0.11 | -0.02 |
| 280 | 7462 | 280 | 7461 | 280 | **7462** | 285 | -0.04 | 0.03 |
| 350 | 7176 | 350 | 7176 | 350 | **7176** | 286 | 0.07 | -0.01 |

**Linear Gage Factor (G) :** 0.246479 (kpa/digit) **Regression Zero :** 8597

**Polynomia Gage Factors:** **A :** -1.255E-06 **B :** -0.22668 **C :** 2041.2934

**Thermal Factor (K) :** -0.542254 kpa/˚C

---

**Calculated Pressures : Linear, P = G(R0 -R1) + K(T1 -T0)**

(R0 : Initial value, R1 : Reading value, T1 : measured temperature, T0 : test temperature)

**Polynomial, $P = AR_1^2 + BR_1 + C + K(T_1 - T_0)$**

**Barometric compensation is not required with vented transducers.

---

* The user is advised to establsh zero conditions in the fieid by recording the reading at a known temperature and barometric pressure.

▣ **Wiring Code** : **Gage** (Red, Black) , **Temperature** (White, Green) , **Shield** (Bare)

SUNGJIN GEOTEC SUNGJIN GEOTEC CEO

Zip code:07266, 6-1 Yeongdeungporo25-gil, Yeongdeungpo-gu Seoul korea TEL:02)2635-7341~2 FAX:02)2635-7507

# CALIBRATION SHEET

▣ **Product** : **VW Piezometer**
▣ **Model No.** : **SJ-4000**
▣ **Range** : **350kpa**
▣ **Resolution** : 0.025% FSR
▣ **Acuuracy** : ±0.1% FSR
▣ **Liearity** : ±0.5% FSR
▣ **Cable length** : **25** meter

▣ **Serial No.** : **50227**
▣ **Date** : 24-Feb-25
▣ **Temperature** : 18.9
▣ **Capacity** : 350kpa
▣ **Readout** : SJ-1200 (B)
▣ **Technician** : HeeJoo Lee

| Pressure (kpa) | 1st Cycle | Pressure (kpa) | 2nd Cycle | Average Pressure | Average Reading | Change | Linearity (%FSR) | Polynomial Fit (%FSR) |
|---|---|---|---|---|---|---|---|---|
| 0 | 8652 | 0 | 8652 | 0 | **8652** | | 0.13 | -0.01 |
| 70 | 8347 | 70 | 8346 | 70 | **8347** | 306 | 0.00 | 0.01 |
| 140 | 8040 | 140 | 8040 | 140 | **8040** | 307 | -0.07 | 0.02 |
| 210 | 7733 | 210 | 7732 | 210 | **7733** | 308 | -0.08 | 0.00 |
| 280 | 7424 | 280 | 7424 | 280 | **7424** | 309 | -0.02 | -0.03 |
| 350 | 7114 | 350 | 7114 | 350 | **7114** | 310 | 0.14 | 0.02 |

**Linear Gage Factor (G) :** 0.227589 (kpa/digit) **Regression Zero :** 8654

**Polynomia Gage Factors:** **A :** -1.310E-06 **B :** -0.20693 **C :** 1888.4276

**Thermal Factor (K) :** -0.316939 kpa/˚C

**Calculated Pressures : Linear, P = G(R0 -R1) + K(T1 -T0)**

(R0 : Initial value, R1 : Reading value, T1 : measured temperature, T0 : test temperature)

**Polynomial, $P = AR_1^2 + BR_1 + C + K(T_1 - T_0)$**

**Barometric compensation is not required with vented transducers.

* The user is advised to establsh zero conditions in the fieid by recording the reading at a known temperature and barometric pressure.

▣ **Wiring Code** : **Gage** (Red, Black) , **Temperature** (White, Green) , **Shield** (Bare)

SUNGJIN GEOTEC SUNGJIN GEOTEC CEO

Zip code:07266, 6-1 Yeongdeungporo25-gil, Yeongdeungpo-gu Seoul korea TEL:02)2635-7341~2 FAX:02)2635-7507

# CALIBRATION SHEET

▣ **Product** : **VW Piezometer**
▣ **Model No.** : **SJ-4000**
▣ **Range** : **350kpa**
▣ **Resolution** : 0.025% FSR
▣ **Acuuracy** : ±0.1% FSR
▣ **Liearity** : ±0.5% FSR
▣ **Cable length** : **25** meter

▣ **Serial No.** : **50228**
▣ **Date** : 24-Feb-25
▣ **Temperature** : 18.6
▣ **Capacity** : 350kpa
▣ **Readout** : SJ-1200 (B)
▣ **Technician** : HeeJoo Lee

| Pressure (kpa) | 1st Cycle | Pressure (kpa) | 2nd Cycle | Average Pressure | Average Reading | Change | Linearity (%FSR) | Polynomial Fit (%FSR) |
|---|---|---|---|---|---|---|---|---|
| 0 | 8621 | 0 | 8620 | 0 | **8621** | | 0.03 | 0.01 |
| 70 | 8291 | 70 | 8290 | 70 | **8291** | 330 | 0.00 | -0.02 |
| 140 | 7960 | 140 | 7960 | 140 | **7960** | 331 | 0.00 | 0.02 |
| 210 | 7629 | 210 | 7630 | 210 | **7630** | 331 | 0.00 | 0.02 |
| 280 | 7299 | 280 | 7299 | 280 | **7299** | 331 | 0.00 | -0.02 |
| 350 | 6968 | 350 | 6968 | 350 | **6968** | 331 | 0.03 | 0.01 |

**Linear Gage Factor (G) :** 0.211800 (kpa/digit) **Regression Zero :** 8621

**Polynomia Gage Factors:** **A :** -1.731E-07 **B :** -0.20910 **C :** 1815.4323

**Thermal Factor (K) :** -0.189836 kpa/˚C

---

**Calculated Pressures : Linear, P = G(R0 -R1) + K(T1 -T0)**

(R0 : Initial value, R1 : Reading value, T1 : measured temperature, T0 : test temperature)

**Polynomial, $P = AR_1^2 + BR_1 + C + K(T_1 - T_0)$**

**Barometric compensation is not required with vented transducers.

---

* The user is advised to establsh zero conditions in the fieid by recording the reading at a known temperature and barometric pressure.

▣ **Wiring Code** : **Gage** (Red, Black) , **Temperature** (White, Green) , **Shield** (Bare)

SUNGJIN GEOTEC SUNGJIN GEOTEC CEO

Zip code:07266, 6-1 Yeongdeungporo25-gil, Yeongdeungpo-gu Seoul korea TEL:02)2635-7341~2 FAX:02)2635-7507

# CALIBRATION SHEET

▣ **Product** : **VW Piezometer**
▣ **Model No.** : **SJ-4000**
▣ **Range** : **350kpa**
▣ **Resolution** : 0.025% FSR
▣ **Acuuracy** : ±0.1% FSR
▣ **Liearity** : ±0.5% FSR
▣ **Cable length** : **25** meter

▣ **Serial No.** : **50229**
▣ **Date** : 24-Feb-25
▣ **Temperature** : 18.1
▣ **Capacity** : 350kpa
▣ **Readout** : SJ-1200 (B)
▣ **Technician** : HeeJoo Lee

| Pressure (kpa) | 1st Cycle | Pressure (kpa) | 2nd Cycle | Average Pressure | Average Reading | Change | Linearity (%FSR) | Polynomial Fit (%FSR) |
|---|---|---|---|---|---|---|---|---|
| 0 | 8564 | 0 | 8563 | 0 | **8564** | | 0.04 | -0.01 |
| 70 | 8300 | 70 | 8299 | 70 | **8300** | 264 | 0.00 | 0.03 |
| 140 | 8036 | 140 | 8035 | 140 | **8036** | 264 | -0.04 | -0.02 |
| 210 | 7771 | 210 | 7771 | 210 | **7771** | 265 | -0.04 | -0.02 |
| 280 | 7506 | 280 | 7506 | 280 | **7506** | 265 | 0.00 | 0.03 |
| 350 | 7241 | 350 | 7241 | 350 | **7241** | 265 | 0.04 | -0.01 |

**Linear Gage Factor (G) :** 0.264650 (kpa/digit) **Regression Zero :** 8564

**Polynomia Gage Factors:** **A :** -6.080E-07 **B :** -0.25504 **C :** 2228.6231

**Thermal Factor (K) :** -0.510053 kpa/˚C

---

**Calculated Pressures : Linear, P = G(R0 -R1) + K(T1 -T0)**

(R0 : Initial value, R1 : Reading value, T1 : measured temperature, T0 : test temperature)

**Polynomial, $P = AR_1^2 + BR_1 + C + K(T_1 - T_0)$**

**Barometric compensation is not required with vented transducers.

---

* The user is advised to establsh zero conditions in the fieid by recording the reading at a known temperature and barometric pressure.

▣ **Wiring Code** : **Gage** (Red, Black) , **Temperature** (White, Green) , **Shield** (Bare)

SUNGJIN GEOTEC SUNGJIN GEOTEC CEO

Zip code:07266, 6-1 Yeongdeungporo25-gil, Yeongdeungpo-gu Seoul korea TEL:02)2635-7341~2 FAX:02)2635-7507

# CALIBRATION SHEET

▣ **Product** : **VW Piezometer**
▣ **Model No.** : **SJ-4000**
▣ **Range** : **350kpa**
▣ **Resolution** : 0.025% FSR
▣ **Acuuracy** : ±0.1% FSR
▣ **Liearity** : ±0.5% FSR
▣ **Cable length** : **25** meter

▣ **Serial No.** : **50230**
▣ **Date** : 24-Feb-25
▣ **Temperature** : 18.0
▣ **Capacity** : 350kpa
▣ **Readout** : SJ-1200 (B)
▣ **Technician** : HeeJoo Lee

| Pressure (kpa) | 1st Cycle | Pressure (kpa) | 2nd Cycle | Average Pressure | Average Reading | Change | Linearity (%FSR) | Polynomial Fit (%FSR) |
|---|---|---|---|---|---|---|---|---|
| 0 | 8564 | 0 | 8563 | 0 | **8564** | | 0.11 | 0.02 |
| 70 | 8300 | 70 | 8299 | 70 | **8300** | 264 | -0.02 | -0.02 |
| 140 | 8034 | 140 | 8035 | 140 | **8035** | 265 | -0.08 | -0.02 |
| 210 | 7769 | 210 | 7768 | 210 | **7769** | 266 | -0.07 | 0.03 |
| 280 | 7502 | 280 | 7502 | 280 | **7502** | 267 | -0.02 | -0.01 |
| 350 | 7235 | 350 | 7234 | 350 | **7235** | 268 | 0.11 | -0.01 |

**Linear Gage Factor (G) :** 0.263342 (kpa/digit) **Regression Zero :** 8565

**Polynomia Gage Factors:** **A :** -1.564E-06 **B :** -0.23863 **C :** 2158.2345

**Thermal Factor (K) :** -0.262158 kpa/˚C

---

**Calculated Pressures : Linear, P = G(R0 -R1) + K(T1 -T0)**

(R0 : Initial value, R1 : Reading value, T1 : measured temperature, T0 : test temperature)

**Polynomial, $P = AR_1^2 + BR_1 + C + K(T_1 - T_0)$**

**Barometric compensation is not required with vented transducers.

---

* The user is advised to establsh zero conditions in the fieid by recording the reading at a known temperature and barometric pressure.

▣ **Wiring Code** : **Gage** (Red, Black) , **Temperature** (White, Green) , **Shield** (Bare)

SUNGJIN GEOTEC SUNGJIN GEOTEC CEO

Zip code:07266, 6-1 Yeongdeungporo25-gil, Yeongdeungpo-gu Seoul korea TEL:02)2635-7341~2 FAX:02)2635-7507

# CALIBRATION SHEET

▣ **Product** : **VW Piezometer**
▣ **Model No.** : **SJ-4000**
▣ **Range** : **350kpa**
▣ **Resolution** : 0.025% FSR
▣ **Acuuracy** : ±0.1% FSR
▣ **Liearity** : ±0.5% FSR
▣ **Cable length** : **25** meter

▣ **Serial No.** : **50231**
▣ **Date** : 24-Feb-25
▣ **Temperature** : 19.0
▣ **Capacity** : 350kpa
▣ **Readout** : SJ-1200 (B)
▣ **Technician** : HeeJoo Lee

| Pressure (kpa) | 1st Cycle | Pressure (kpa) | 2nd Cycle | Average Pressure | Average Reading | Change | Linearity (%FSR) | Polynomial Fit (%FSR) |
|---|---|---|---|---|---|---|---|---|
| 0 | 8708 | 0 | 8707 | 0 | **8708** | | 0.16 | 0.01 |
| 70 | 8389 | 70 | 8389 | 70 | **8389** | 319 | -0.02 | -0.02 |
| 140 | 8069 | 140 | 8069 | 140 | **8069** | 320 | -0.10 | -0.01 |
| 210 | 7748 | 210 | 7747 | 210 | **7748** | 322 | -0.09 | 0.03 |
| 280 | 7425 | 280 | 7425 | 280 | **7425** | 323 | -0.02 | 0.00 |
| 350 | 7101 | 350 | 7101 | 350 | **7101** | 324 | 0.15 | -0.01 |

**Linear Gage Factor (G) :** 0.217855 (kpa/digit) **Regression Zero :** 8710

**Polynomia Gage Factors:** **A :** -1.413E-06 **B :** -0.19552 **C :** 1809.5992

**Thermal Factor (K) :** -0.291341 kpa/˚C

---

**Calculated Pressures : Linear, P = G(R0 -R1) + K(T1 -T0)**

(R0 : Initial value, R1 : Reading value, T1 : measured temperature, T0 : test temperature)

**Polynomial, $P = AR_1^2 + BR_1 + C + K(T_1 - T_0)$**

**Barometric compensation is not required with vented transducers.

---

* The user is advised to establsh zero conditions in the fieid by recording the reading at a known temperature and barometric pressure.

▣ **Wiring Code** : **Gage** (Red, Black) , **Temperature** (White, Green) , **Shield** (Bare)

SUNGJIN GEOTEC SUNGJIN GEOTEC CEO

Zip code:07266, 6-1 Yeongdeungporo25-gil, Yeongdeungpo-gu Seoul korea TEL:02)2635-7341~2 FAX:02)2635-7507

# CALIBRATION SHEET

▣ **Product** : **VW Piezometer**
▣ **Model No.** : **SJ-4000**
▣ **Range** : **350kpa**
▣ **Resolution** : 0.025% FSR
▣ **Acuuracy** : ±0.1% FSR
▣ **Liearity** : ±0.5% FSR
▣ **Cable length** : **25** meter

▣ **Serial No.** : **50232**
▣ **Date** : 24-Feb-25
▣ **Temperature** : 19.2
▣ **Capacity** : 350kpa
▣ **Readout** : SJ-1200 (B)
▣ **Technician** : HeeJoo Lee

| Pressure (kpa) | 1st Cycle | Pressure (kpa) | 2nd Cycle | Average Pressure | Average Reading | Change | Linearity (%FSR) | Polynomial Fit (%FSR) |
|---|---|---|---|---|---|---|---|---|
| 0 | 8470 | 0 | 8470 | 0 | **8470** | | 0.09 | -0.01 |
| 70 | 8237 | 70 | 8238 | 70 | **8238** | 233 | -0.03 | 0.02 |
| 140 | 8005 | 140 | 8004 | 140 | **8005** | 233 | -0.11 | -0.02 |
| 210 | 7770 | 210 | 7771 | 210 | **7771** | 234 | -0.10 | 0.02 |
| 280 | 7536 | 280 | 7536 | 280 | **7536** | 235 | -0.05 | -0.02 |
| 350 | 7300 | 350 | 7301 | 350 | **7301** | 236 | 0.09 | 0.01 |

**Linear Gage Factor (G) :** 0.299291 (kpa/digit) **Regression Zero :** 8471

**Polynomia Gage Factors: A :** -2.052E-06 **B :** -0.26693 **C :** 2408.1060

**Thermal Factor (K) :** -0.306094 kpa/˚C

---

**Calculated Pressures : Linear, P = G(R0 -R1) + K(T1 -T0)**

(R0 : Initial value, R1 : Reading value, T1 : measured temperature, T0 : test temperature)

**Polynomial, $P = AR_1^2 + BR_1 + C + K(T_1 - T_0)$**

**Barometric compensation is not required with vented transducers.

---

* The user is advised to establsh zero conditions in the fieid by recording the reading at a known temperature and barometric pressure.

▣ **Wiring Code** : **Gage** (Red, Black) , **Temperature** (White, Green) , **Shield** (Bare)

SUNGJIN GEOTEC SUNGJIN GEOTEC CEO

Zip code:07266, 6-1 Yeongdeungporo25-gil, Yeongdeungpo-gu Seoul korea TEL:02)2635-7341~2 FAX:02)2635-7507

# CALIBRATION SHEET

▣ **Product** : **VW Piezometer**
▣ **Model No.** : **SJ-4000**
▣ **Range** : **350kpa**
▣ **Resolution** : 0.025% FSR
▣ **Acuuracy** : ±0.1% FSR
▣ **Liearity** : ±0.5% FSR
▣ **Cable length** : **25** meter

▣ **Serial No.** : **50233**
▣ **Date** : 24-Feb-25
▣ **Temperature** : 20.9
▣ **Capacity** : 350kpa
▣ **Readout** : SJ-1200 (B)
▣ **Technician** : HeeJoo Lee

| Pressure (kpa) | 1st Cycle | Pressure (kpa) | 2nd Cycle | Average Pressure | Average Reading | Change | Linearity (%FSR) | Polynomial Fit (%FSR) |
|---|---|---|---|---|---|---|---|---|
| 0 | 8555 | 0 | 8555 | 0 | **8555** | | 0.13 | -0.01 |
| 70 | 8245 | 70 | 8244 | 70 | **8245** | 311 | -0.01 | 0.02 |
| 140 | 7933 | 140 | 7933 | 140 | **7933** | 312 | -0.09 | 0.01 |
| 210 | 7621 | 210 | 7620 | 210 | **7621** | 313 | -0.10 | -0.03 |
| 280 | 7306 | 280 | 7307 | 280 | **7307** | 314 | -0.02 | 0.01 |
| 350 | 6991 | 350 | 6992 | 350 | **6992** | 315 | 0.13 | 0.00 |

**Linear Gage Factor (G) :** 0.223867 (kpa/digit) **Regression Zero :** 8557

**Polynomia Gage Factors:** **A :** -1.329E-06 **B :** -0.20321 **C :** 1835.6765

**Thermal Factor (K) :** -0.240148 kpa/˚C

---

**Calculated Pressures : Linear, P = G(R0 -R1) + K(T1 -T0)**

(R0 : Initial value, R1 : Reading value, T1 : measured temperature, T0 : test temperature)

**Polynomial, $P = AR_1^2 + BR_1 + C + K(T_1 - T_0)$**

**Barometric compensation is not required with vented transducers.

---

* The user is advised to establsh zero conditions in the fieid by recording the reading at a known temperature and barometric pressure.

▣ **Wiring Code** : **Gage** (Red, Black) , **Temperature** (White, Green) , **Shield** (Bare)

SUNGJIN GEOTEC SUNGJIN GEOTEC CEO

Zip code:07266, 6-1 Yeongdeungporo25-gil, Yeongdeungpo-gu Seoul korea TEL:02)2635-7341~2 FAX:02)2635-7507

# CALIBRATION SHEET

▣ **Product** : **VW Piezometer**
▣ **Model No.** : **SJ-4000**
▣ **Range** : **350kpa**
▣ **Resolution** : 0.025% FSR
▣ **Acuuracy** : ±0.1% FSR
▣ **Liearity** : ±0.5% FSR
▣ **Cable length** : **25** meter

▣ **Serial No.** : **50234**
▣ **Date** : 24-Feb-25
▣ **Temperature** : 20.2
▣ **Capacity** : 350kpa
▣ **Readout** : SJ-1200 (B)
▣ **Technician** : HeeJoo Lee

| Pressure (kpa) | 1st Cycle | Pressure (kpa) | 2nd Cycle | Average Pressure | Average Reading | Change | Linearity (%FSR) | Polynomial Fit (%FSR) |
|---|---|---|---|---|---|---|---|---|
| 0 | 8643 | 0 | 8642 | 0 | **8643** | | 0.13 | 0.01 |
| 70 | 8420 | 70 | 8419 | 70 | **8420** | 223 | -0.01 | -0.03 |
| 140 | 8195 | 140 | 8196 | 140 | **8196** | 224 | -0.06 | 0.02 |
| 210 | 7971 | 210 | 7971 | 210 | **7971** | 225 | -0.07 | -0.02 |
| 280 | 7746 | 280 | 7745 | 280 | **7746** | 226 | 0.00 | 0.03 |
| 350 | 7520 | 350 | 7519 | 350 | **7520** | 226 | 0.13 | -0.01 |

**Linear Gage Factor (G) :** 0.311645 (kpa/digit) **Regression Zero :** 8644

**Polynomia Gage Factors:** **A :** -2.316E-06 **B :** -0.27421 **C :** 2542.8531

**Thermal Factor (K) :** -0.303603 kpa/˚C

---

**Calculated Pressures : Linear, P = G(R0 -R1) + K(T1 -T0)**

(R0 : Initial value, R1 : Reading value, T1 : measured temperature, T0 : test temperature)

**Polynomial, $P = AR_1^2 + BR_1 + C + K(T_1 - T_0)$**

**Barometric compensation is not required with vented transducers.

---

* The user is advised to establsh zero conditions in the fieid by recording the reading at a known temperature and barometric pressure.

▣ **Wiring Code** : **Gage** (Red, Black) , **Temperature** (White, Green) , **Shield** (Bare)

SUNGJIN GEOTEC SUNGJIN GEOTEC CEO

Zip code:07266, 6-1 Yeongdeungporo25-gil, Yeongdeungpo-gu Seoul korea TEL:02)2635-7341~2 FAX:02)2635-7507