| Box ID | OPCID | CAS AFE ID | GAM ID |
|--------|-------------------------------------|--------------------|-----------------------------------|
| 1 2 | 17 93 05 09 176 93 0507 | (0ld) 12-000030 | 61 airpublicaly 59 AZ 58 A3 |
| 3 | 176390807 176930503 176930504 | 17 3 5 | 6 AP11 |
| 5 | 176930505 | * 11 37 | S5 AP22 S4 AP33 S3 AP44 |
| 7 | 176390808 | 11 1/ 33 | S7 AP55 |
| 10 | 176390805 176930506 | 11 11 32 | 10 AP66 2 AP77 |
| | | · | |
| | | | |



| Customer | Digital Kine | matics | | | |
|------------------|------------------|---|---|--|--|
| Order No | | | · | | |
| Zero Cal Date | 24/01/2017 | | | | |
| AFE Serial No | 12-0000 <u>3</u> | | | | |
| Test PSU voltage | | | | | |
| | | | | | |
| AFE Type | 810-0021-xx (2x | :A4) | | | |
| | | | | | |
| | | SN1 | SN2 | | |
| Circuit Type | -00 | SN1 NO ₂ /O ₃ | SN2 NO ₂ /O ₃ | | |
| Circuit Type | | | | | |
| Circuit Type | | NO ₂ /O ₃ | NO ₂ /O ₃ | | |

NO

CO/SO₂/H₂S

CO/SO₂/H₂S

CO/SO₂/H₂S

| | SN1 | SN2 | |
|---------------------------------------|-----------|-----------|--|
| Sensor Type | NO2 A43F | CO A4 | |
| Serial Number | 212930022 | 132950256 | |
| | | | |
| WE Electronic Zero (mV) | 293 | 293 | |
| WE Sensor Zero (mV)* | 8 | 121 | |
| TOTAL WE Zero (mV) | 301 | 414 | |
| AE Electronic Zero (mV) | 298 | 285 | |
| AE Sensor Zero (mV)* | 0 | -12 | |
| TOTAL AE Zero (mV) | 298 | 213 | |
| Sensitivity (nA/ppb)* | 279 | .296 | |
| Sensitivity NO ₂ (nA/ppb)* | 279 | | |
| PCB gain (mV/nA) | -0.73 | 0.8 | |
| Sensitivity (mV/ppb) | .203 | .236 | |
| Sensitivity NO ₂ (mV/ppb) | .203 | | |

-03

^{*} at 101kPa, 23 (±2)°C, 40 (±15) %RH



CO/SO₂/H₂S

CO/SO₂/H₂S

| Customer | Digital Kine | matics | |
|----------------------|-----------------|---------------------------------|---------------------------------|
| Order No | | | |
| Zero Ćai Date | 24/01/2017 | | |
| AFE Serial No | 12-0000 31 | | |
| Test PSU voltage | | | |
| | | • | |
| AFE Type | 810-0021-xx (2) | xA4) | |
| | | SN1 | SN2 |
| Circuit Type | -00 | NO ₂ /O ₃ | NO ₂ /O ₃ |
| | -01 | NO 10 | NO |
| | | NO ₂ /O ₃ | ,,, |

NO

CO/SO₂/H₂S

| | SN1 | SN2 |
|---------------------------------------|-----------|-----------|
| Sensor Type | NO2 A43F | CO A4 |
| Serial Number | 212930019 | 132950253 |
| | | |
| WE Electronic Zero (mV) | 304 | 291 |
| WE Sensor Zero (mV)* | 6 | 117 |
| TOTAL WE Zero (mV) | 310 | 408 |
| AE Electronic Zero (mV) | 294 | 275 |
| AE Sensor Zero (mV)* | 1 | -13 |
| TOTAL AE Zero (mV) | 295 | 262 |
| | | |
| Sensitivity (nA/ppb)* | 275 | .313 |
| Sensitivity NO ₂ (nA/ppb)* | 275 | |
| PCB gain (mV/nA) | -0.73 | 0.8 |
| Sensitivity (mV/ppb) | .500 | .250 |
| Sensitivity NO ₂ (mV/ppb) | •200 | |

-03

^{*} at 101kPa, 23 (±2)°C, 40 (±15) %RH



| Customer | Digital Ki | nematics | 77.55 |
|----------------------|---------------------------------------|--------------------------------------|--------------------------------------|
| Order No | | | |
| Zero Čal Date | 24/01/201 | 7 | |
| AFE Serial No | 12-000037 | - | |
| Test PSU voltage | · · · · · · · · · · · · · · · · · · · | | |
| AFE Type | 810-0021-x | K (2xA4) | |
| | | <u> </u> | |
| | | SN1 | SN2 |
| Circuit Type | -00 | NO ₂ /O ₃ | NO_2/O_3 |
| | -01 | NO ₂ /O ₃ | NO |
| | -Q2 | NŌ₂/Õ₃ | ĈŌ/ŜŌ₂/H₂Ŝ |
| | -03 | NO | CO/SO ₂ /H ₂ S |
| | -04 | CO/SO ₂ /H ₂ S | CO/SO ₂ /H ₂ S |

| SN1 | SN2 | |
|-----------|--|--|
| NO2 A43F | CO A4 | |
| 217930020 | 132950257 | |
| | | |
| 302 | 272 | |
| 6 | 140 | |
| 308 | 412 | |
| 295 | 279 | |
| 2 | 0 | |
| 297 | 279 | |
| | | |
| 268 | ·275 | |
| 768 | | |
| -0.73 | 8.0 | |
| 1195 | .220 | |
| -195 | | |
| | NO2 A43F 217970020 302 6 308 295 2 2917268766 -0.73 -195 | |

^{*} at 101kPa, 23 (±2)°C, 40 (±15) %RH



| Customer | Digital Kiner | matics | |
|------------------|-----------------------------|---------------------------------|---------------------------------------|
| Order No | | | |
| Zero Čal Date | 24/01/2017 | 915.5.11 | |
| AFE Serial No | 12-0000 3 ′ <u>ን</u> | | |
| Test PSU voltage | | | · · · · · · · · · · · · · · · · · · · |
| АГЕ Туре | 810-0021-xx (2x | :A4) | |
| | | SN1 | SN2 |
| Circuit Type | -00 | NO ₂ /O ₃ | NO ₂ /O ₃ |
| | -01 | NO ₂ /O ₃ | NO |
| | -02 | $N\bar{O}_2/\bar{O}_3$ | ĈŌ/ŜŌ₂/H₂Ŝ |

NO

CO/SO₂/H₂S

CO/SO₂/H₂S

| | SN1 | SN2 | | |
|---------------------------------------|-----------|-----------|--|--|
| Sensor Type | NO2 A43F | CO A4 | | |
| Serial Number | 212930021 | 132950254 | | |
| WE Electronic Zero (mV) | 285 | 284 | | |
| WE Sensor Zero (mV)* | 10 | 130 | | |
| TOTAL WE Zero (mV) | 295 | 414 | | |
| AE Electronic Zero (mV) | 30% | 268 | | |
| AE Sensor Zero (mV)* | 2 | 0 | | |
| TOTAL AE Zero (mV) | 308 | 268 | | |
| | | | | |
| Sensitivity (nA/ppb)* | 291 | -279 | | |
| Sensitivity NO ₂ (nA/ppb)* | 291 | | | |
| PCB gain (mV/nA) | -0.73 | 0.8 | | |
| Sensitivity (mV/ppb) | .212 | .223 | | |
| Sensitivity NO ₂ (mV/ppb) | .212 | | | |

^{*} at 101kPa, 23 (±2)°C, 40 (±15) %RH



CO/SO₂/H₂S

CO/SO₂/H₂S

| Customer | Digital Kiner | matics | | | |
|------------------------|-----------------|--|---|--|--|
| Order No | - | | | | |
| Zero Ćał Date | 24/01/2017 | 24/01/2017 | | | |
| AFE Serial No | 12-0000 34 | | | | |
| Test PSU voltage | | | | | |
| | | | | | |
| | | | | | |
| AFE Type | 810-0021-xx (2x | (A4) | | | |
| AFE Type | 810-0021-xx (2x | | SN2 | | |
| AFE Type Circuit Type | 810-0021-xx (2x | SN1 NO ₂ /O ₃ | SN2 NO ₂ /O ₃ | | |
| | | SN1 | | | |

NO

CO/SO₂/H₂S

| F | SN1 | SN2 |
|---------------------------------------|-------------|-----------|
| Sensor Type | NO2 A43F | CO A4 |
| Serial Number | 212930017 | 132950255 |
| | | |
| WE Electronic Zero (mV) | 2911 | 265 |
| WE Sensor Zero (mV)* | Ţ | 143 |
| TOTAL WE Zero (mV) | 292 | 408 |
| AE Electronic Zero (mV) | 292 | 266 |
| AE Sensor Zero (mV)* | 0 | -13 |
| TOTAL AE Zero (mV) | 292 | 253 |
| | | |
| Sensitivity (nA/ppb)* | 267 | .289 |
| Sensitivity NO ₂ (nA/ppb)* | 267 | |
| PCB gain (mV/nA) | -0.73 | 8.0 |
| Sensitivity (mV/ppb) | .194 | .231 |
| Sensitivity NO ₂ (mV/ppb) | .194 | |
| | | 1 |

^{*} at 101kPa, 23 (±2)°C, 40 (±15) %RH



| Customer | Digital Kine | matics | | |
|------------------|-----------------|--------|-----|--|
| Order No | | | | |
| Zero Cal Date | 24/01/2017 | 1.4 | | |
| AFE Serial No | 12-000035 | | | |
| Test PSU voltage | | | | |
| AFE Type | 810-0021-xx (2) | xA4) | | |
| Circuit Type | | SN1 | SN2 | |

| | | SN1 | SN2 |
|--------------|-----|--------------------------------------|--------------------------------------|
| Circuit Type | -00 | NO_z/O_3 | NO ₂ /O ₃ |
| | -01 | NO ₂ /O ₃ | NO |
| | -ÓŹ | $N\bar{O}_2/\bar{O}_3$ | ŌŌ/SŌ₂/H₂S |
| - | -03 | NO | CO/SO ₂ /H ₂ S |
| | -04 | CO/SO ₂ /H ₂ S | CO/SO ₂ /H ₂ S |

| | SN1 | SN2 | |
|---------------------------------------|-----------|-----------|--|
| Sensor Type | NO2 A43F | CO A4 | |
| Serial Number | 212930018 | 132950252 | |
| WE Electronic Zero (mV) | 302 | 277 | |
| WE Sensor Zeró (mV)* | 6 | 132 | |
| TOTAL WE Zero (mV) | 308 | 409 | |
| AE Electronic Zero (mV) | 289 | 268 | |
| AE Sensor Zero (mV)* | Z | -9 | |
| TOTAL AE Zero (mV) | 291 | 259 | |
| Sēnsitlvity (nA/ppb)* | 266 | -296 | |
| Sensitivity NO ₂ (nA/ppb)* | 266 | - | |
| PCB gain (mV/nA) | -0.73 | 0.8 | |
| Sensitivity (mV/ppb) | -194 | •236 | |
| Sensitivity NO ₂ (mV/ppb) | -194 | | |

^{*} at 101kPa, 23 (±2)°C, 40 (±15) %RH



| ensor Type | | | |
|------------------|---------------------|---|---|
| | SN1 | SN2 | |
| | -04 | CO/SO₂/H₂S | CO/SO₂/H₂S |
| | -03 | NO | CO/SO ₂ /H ₂ S |
| | -02 | NO ₂ /O ₃ | CO/SO ₂ /H ₂ S |
| | -01 | NO ₂ /O ₃ | NO |
| Circuit Type | -00 | SN1 NO ₂ /O ₃ | SN2 NO ₂ /O ₃ |
| AFE Type | ≥ 810-0021-x | ((2xA4) | |
| oo vollage | | | |
| Test PSU voltage | 1 | 2-000029 | |
| AFE Serial No | | 11-10-16 | · |
| Zero Cal Date | | | |
| Order No | D1411 | FAC KINE | MATICS |
| Customer | 7 | | |

| | SN1 | SN2 | |
|---------------------------------------|-----------|-------|--|
| Sensor Type | NOZ A43F | 00 04 | |
| Serial Number | 212060332 | + | |
| WE Electronic Zero (mV) | 299 | 282 | |
| WE Sensor Zero (mV)* | -1 | 43 | |
| TOTAL WE Zero (mV) | 298 | 325 | |
| AE Electronic Zero (mV) | 297 | 287 | |
| AE Sensor Zero (mV)* | | 7 | |
| TOTAL AE Zero (mV) | 296 | 294 | |
| Sensitivity (nA/ppb)* | 251 | 2/0 | |
| Sensitivity NO ₂ (nA/ppb)* | 251 | ·567 | |
| PCB gain (mV/nA) | 73 | -80 | |
| Sensitivity (mV/ppb) | -183 | .213 | |
| Sensitivity NO₂ (mV/ppb) | .183 | | |

^{*} at 101kPa, 23 (±2)°C, 40 (±15) %RH



| Customer | ,, | D1417 | AL KINGMI | みていとら |
|------------------|--------------|-------------|--------------------------------------|---------------------------------------|
| Order No | - | | | |
| Zero Cal Date | | | 11-10-16 | |
| AFE Serial No | | | 12-00002 | 8 |
| Test PSU voitage | | | | |
| AFE Type | ∠ 81 | 0-0021-xx | (2xA4) | |
| ircuit Type | <u> </u> | | SN1 | SN2 |
| ocat Type | | -00 | NO ₂ /O ₃ | NO ₂ /O ₃ |
| | | -01 | NO ₂ /O ₃ | NO |
| | | -02 | NO ₂ /O ₃ | CO/SO ₂ /H ₂ S |
| | | -03 | NO | CO/SO ₂ /H ₂ S |
| | | -04 | CO/SO ₂ /H ₂ S | CO/\$O ₂ /H ₂ S |

| | SN1 | SN2 |
|---------------------------------------|-----------|-------------|
| Sensor Type | NOZ 443F | CD A4 |
| Serial Number | 212060338 | |
| WE Electronic Zero (mV) | 297 | 268 |
| WE Sensor Zero (mV)* | 0 | 43 |
| TOTAL WE Zero (mV) | 297 | 311 |
| AE Electronic Zero (mV) | 309 | 272 |
| AE Sensor Zero (mV)* | 0 | 7 |
| TOTAL AE Zero (mV) | 309 | 279 |
| Sensitivity (nA/ppb)* | 257 | .283 |
| Sensitivity NO ₂ (nA/ppb)* | 257 | |
| CB gain (mV/nA) | 73 | -80 |
| Sensitivity (mV/ppb) | . 187 | .226 |
| Sensitivity NO ₂ (mV/ppb) | -187 | |

^{*} at 101kPa, 23 (±2)°C, 40 (±15) %RH



| Customer | | DIGITA | IL KINGHO | たいとら |
|------------------------|-----|-----------|--------------------------------------|--------------------------------------|
| Order No | | | | |
| Zero Cal Date | | | 11-10-16 | |
| AFE Serial No | | | 17 - 00002- | 7 |
| Test PSU voltage | | | | |
| AFE Type | 8 | 10-0021-x | ((2xA4) | |
| | | | SN1 | SN2 |
| Circuit Type | | -00 | NO ₂ /O ₃ | NO ₂ /O ₃ |
| | | -01 | NO ₂ /O ₃ | NO |
| | | -02 | NO ₂ /O ₃ | CO/SO ₂ /H ₂ S |
| | | -03 | NO | CO/SO ₂ /H ₂ S |
| | | -04 | CO/SO ₂ /H ₂ S | CO/SO ₂ /H ₂ S |
| | | SN1 | SN2 | |
| ensor Type | | A43F | CO A4 | |
| erial Number | | | 132950738 | |
| E Electronic Zero (mV) | | | | |
| E Sensor Zero (mV)* | 2 | r5 | 268 | |
| OTAL WE Zero (mV) | 29 | | 310 | |
| Electronic Zero (mV) | 201 | | 767 | |

262

lo

| ————— | 1 (0 | |
|-------|------------------|--|
| 295 | 272 | |
| 271 | - 285 | |
| 271 | / 203 | |
| 73 | .80 | |
| .197 | -228 | |
| .197 | - | |
| | 271 271 73 | |

^{*} at 101kPa, 23 (±2)°C, 40 (±15) %RH

AE Sensor Zero (mV)*



| Customer | DIGITA | m Kinem | ATILS |
|------------------|-------------|--------------------------------------|--------------------------------------|
| Order No | | | |
| Zero Cal Date | 1 | 1-10-16 | |
| AFE Serial No | 1 | 2-000026 | |
| Test PSU voltage | | | |
| | | | |
| AFE Type | 810-0021-xx | (2xA4) | |
| | | | |
| Oin 4 — | <u></u> | SN1 | SN2 |
| Circuit Type | -00 | NO ₂ /O ₃ | NO ₂ /O ₃ |
| , | -01 | NO ₂ /O ₃ | NO |
| | -02 | NO ₂ /O ₃ | CO/SO ₂ /H ₂ S |
| | -03 | NO | CO/SO ₂ /H ₂ S |
| | -04 | CO/SO ₂ /H ₂ S | CO/SO ₂ /H ₂ S |
| • | | | |

| | | | |
|---------------------------------------|-------------|-----------|--|
| | SN1 | SN2 | |
| Sensor Type | NOZ A43F | CO 194 | |
| Serial Number | 212060337 | 132950240 | |
| WE Electronic Zero (mV) | 302 | 283 | |
| WE Sensor Zero (mV)* | 6 | 37 | |
| TOTAL WE Zero (mV) | 30% | 320 | |
| AE Electronic Zero (mV) | 303 | 270 | |
| AE Sensor Zero (mV)* | 1 | -2 | |
| TOTAL AE Zero (mV) | 304 | 268 | |
| 0 | T | | |
| Sensitivity (nA/ppb)* | 310 | 303 | |
| Sensitivity NO ₂ (nA/ppb)* | 310 | | |
| PCB gain (mV/nA) | 73 | -80 | |
| Sensitivity (mV/ppb) | -226 | .242 | |
| Sensitivity NO ₂ (mV/ppb) | .226 | | |

^{*} at 101kPa, 23 (±2)°C, 40 (±15) %RH