Specifications

COMMUNICATIONS

Port 1	RS232 Full Duplex serial port, RS 485 and 20mA optional
Port 2,3	RS232 Full Duplex, no RTS on COMM 3
Protocols	Modbus - tm, (DeviceNet, Profibus, Ethernet optional)
Baud Rates	150 - 58,300bps
Custom Transmit Tables	100 - user defined RS232 output tables
Input Interpreter Tables	100 - user defined RS232 input tables

DISPLAY

VFD(Model 560)	Bright 6 digit .75" (20.3mm) Vacuum Flourescent (VFD) with 2x5 (10 character) dot matrix for scale status and operator prompting

ELECTRICAL

Power Requirement	AC, 90 - 250VAC, 50/60Hz
Power Requirement	DC, 10 - 32VDC
Excitation	10 VDC, short circuit

Features

- Time and Date Clock
- Selectable Weighing Units
- VFD or LCD Display
- Remote Tar, Print, Zero
- AC or DC Operation
- Panel Mounting
- 100 programmable macros
- 100 programmable databases

Voltage	protected
☐Excitation Current	400 mA, short circuit protected
☐Fuse	0.8A Slow - Blow (when using AC power)

ENCLOSURE

| ☐Keypad | Durable elastomeric rubber, 22 Key (Zero, Print, Units, Tare, Select, Enter, Clear, 3 Function, Scale Select, clear and Full Numeric) |
| ☐Keypad | 7lb. |

PERFORMANCE

☐Full Scale(F.S.)	Selectable 0 to 999,999
☐A/D Conversion	60Hz
☐Resolution	100,000d displayed, 1,000,000 internal
☐Flash Memory	1 M Bytes
☐Zero Track	Off - 10d
☐Zero Range	Selectable, 0.01 - 100% Full Scale
☐Non-Linearity	0.005% Full Scale, Load Cell Dependent
☐Operating Temperature	-10 Degrees Celsius to +40 Degrees Celsius
☐Warranty	2 year limited
☐Units of Measure	4 user defined per scale, 2 custom units
☐Time/Date Clock	Real Time

PROCESS CONTROL

☐I/O Scan Rate	16ms maximum
☐Number of I/O	48 total (32 physical - optional, 16 logical - software)
☐Remote Input	2 total for TARE, PRINT, START, STOP - invokes macros 6 & 7 if programmed

100
☐ programmable data registers

Options ▫▫▫▫

Multi-Scale
☐ Module

Analog Output
☐ Module

RS485 Module
☐

20 mA Current
☐ Loop

I/O Relay
☐ Module

DeviceNet
☐

Profibus
☐

Rabbet Software
☐

Database
☐ Module

Alpha Keyboard
☐

ReFlash
☐ Software

Dura-Shield

☐

Excitation Power
☐ Booster

Applications ▫▫▫▫

Truck Weighing
☐ Programs

Process Control
☐

Inventory
☐ Control

Parts Counting
☐

Shipping and
☐ Receiving

Peak Weight
☐ Hold