

MODEL 7010 GENERAL PURPOSE INDICATOR

20-bit Resolution
10-point Linearization
Portable with Rechargeable Battery
Sensitivity .1 - 20 mV/V
Linearity of 0.005% of Full Scale
Selectable Units kg, lb, g, lb oz, oz
RS-232 or RS-485 Computer Interface



SPECIFICATIONS

Performance

| | |
|----------------|-------------------------------------|
| Full Scale | Selectable, 0.01 - 999,999 |
| Resolution | 20 bit, 100,000 divisions displayed |
| A/D Conversion | 60 Hz |
| Non-Linearity | 0.005% of full scale |
| Zero Track | 10 displayed divisions |
| Zero Range | Selectable from 0% - 100% |
| Display Units | kg, lb, g, lb oz, oz |

Electrical

| | |
|-------------|---------------------|
| Power Input | 12-26 VAC/12-36 VDC |
|-------------|---------------------|

Load Cell Input

| | |
|--------------|--------------------------------------|
| Connections | 4 lead or 6 lead with sense |
| Power | 6 350-ohm cells |
| Signal Range | 0.1 to 20 mV/V |
| Excitation | 10 VDC with short circuit protection |
| Current | 180 mA maximum |

Communications

| | |
|--------------------|--------------------|
| Computer Interface | RS-232 serial port |
| Baud Rate | 150-9600 bps |
| Protocol | Selectable |
| Formatting | Selectable |

Display

| | |
|----------------|------------------------|
| Display Type | LED |
| Decimal Point | Selectable |
| Display Values | -99,999 through 99,999 |

Enclosure

| | |
|----------|------------------|
| Material | Zinc Die Cast |
| Width | 7.83 in (199 mm) |
| Height | 5.75 in (146 mm) |
| Depth | 2.65 in (67 mm) |