Instrumentation/HMI

120 Digital Weight Indicator





Standard Features

- Large .8" (20.3 mm) Light Emitting Diode (LED) Display
- Configurable analog to digital measurement rate
- Power for four 350Ω load cells
- · Load cell quick disconnect plug
- Primary/secondary units configuration: lb, kg, ounces, grams
- 5-button operation
- Two independent communication ports: (1) full duplex, (1) unidirectional or active 20 mA current loop
- Standardized EDP command sets
- Programmable ticket format up to two 180-character printout
- Full front-panel digital calibration and configuration
- Tilt stand
- Three-stage digital filtering
- Consecutive transaction numbering
- Time and date (volatile)

-Approvals



Measurement Canada Approved



Specifications

POWER:

Line voltages: 115 or 230 VAC Frequency: 50 or 60 Hz Power consumption: 70 mA @ 115 VAC (8W) 35 mA @ 230 VAC (8W)

EXCITATION VOLTAGE:

 5 ± 0.5 VDC, 4×350 load cells or 8×700 load cells

ANALOG SIGNAL INPUT RANGE:

0.6 mV/V - 3.0 mV/V

ANALOG SIGNAL SENSITIVITY:

 $0.3~\mu V/g$ raduation minimum, $1.5~\mu V/g$ rad recommended

RESOLUTION:

Internal resolution: 1,000,000 internal graduations Display resolution: 10,000 displayed graduations

MEASUREMENT RATE:

30, 15, 7, 3 per second

SYSTEM LINEARITY:

Within 0.01% of full scale

CIRCUIT PROTECTION:

RFI, EMI, ESD protected

SERIAL OUTPUT:

EDP port: Full duplex RS-232 Printer port: Output-only RS-232 or active 20 mA current loop Both ports: 9600, 4800, 2400, 1200, 600, 300 bps; 7 or 8 data bits; even, odd or no parity

DISPLAY:

0.8" (20.3 mm), 6-digit Super Red Light Emitting Diode (LED) display, 7-segment, number digits

STATUS ANNUNCIATORS:

Designators for: center of zero, stand still, gross, net center of zero, standstill, lb, kg, oz, g

KEYBOARD:

5-key flat membrane panel, tactile feel

OPERATING TEMPERATURE:

-10°C to 40°C/14°F to 104°F (legal) -10°C to 50°C/14°F to 122°F (industrial)

WEIGHT:

2.6 lb (1.2 kg)

RATING/MATERIAL:

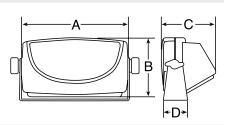
Enclosure: heavy gauge ABS

APPROVALS:

NTEP -10,000 Divisions, Class III/IIIL, CC# 03-059; Measurement Canada AM-5517, Class III/IIIHD at 10,000 Divisions; CE marked

WARRANTY:

1-year limited warranty



DIMENSIONS

A = 7.32" (1863 mm) C = 3.74" (95 mm) B = 4.05" (103 mm) D = 1.65" (42 mm)