

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 x 350 load cells or 8 x 700 load cells

ANALOG SIGNAL INPUT RANGE:

0.6 mV/V - 3.0 mV/V

ANALOG SIGNAL SENSITIVITY:

0.3 μV/graduation minimum,
1.5 μV/grad 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:

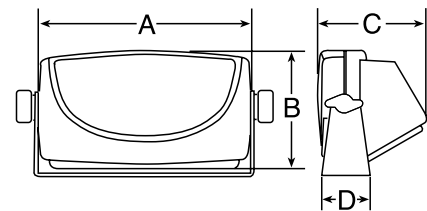
Enclosure: heavy gauge ABS

APPROVALS:

NTEP -10,000 Divisions,
Class III/IIIL, CC# 03-059;
Measurement Canada AM-5517,
Class III/IIHD 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)