

IQ plus® 390-DC Battery Powered Digital Weight Indicator

Now Available!
Livestock Weighing Option!



Approvals



Measurement
Canada
Approved



Standard Features

- NEMA 4X/IP66-rated stainless steel enclosure
- Large 1" (24.5 mm), six-digit Liquid Crystal Display (LCD)
- 6-button operation
- Power for four 350Ω load cells or eight 700Ω load cells
- Configurable units multiplier
- Supports 4- and 6-wire load cell connections
- EDP port for full duplex, RS-232 communications
- Powered by 6 "C" cell alkaline batteries for complete portability (batteries not included)
- AC adapter for 115 or 230 VAC power
- Configurable standby mode that saves battery life
- RATTLETRAP® three-stage digital filtering
- Piece count mode

Specifications

POWER:

9 VDC, provided by 6 "C" cell alkaline batteries or AC adapter
Power consumption:
100 mA (using 4 x 350Ω load cells),
25 mA typical (1 load cell)

EXCITATION VOLTAGE:

5 ± 0.25 VDC, 4 x 350Ω or 8 x 700Ω load cells

ANALOG SIGNAL INPUT RANGE:

-2.5 mV – 22.5 mV or
-.5 mV/V – 4.5 mV/V

ANALOG SIGNAL SENSITIVITY:

0.3 μV/graduation minimum
1.5 μV/grad recommended

RESOLUTION:

Internal resolution:
1,000,000 counts
Display resolution:
100,000dd
Counting capacity:
100,000

MEASUREMENT RATE:

30, 15, 7 1/2, 3 3/4 per second

SYSTEM LINEARITY:

Within 0.01% of full scale

SERIAL COMMUNICATIONS:

EDP/Printer port: Full duplex RS-232

DISPLAY:

1.0" (24.5mm) 6-digit Liquid Crystal Display (LCD), 7 segment, number digits

STATUS ANNUNCIATORS:

Designators for: center of zero, standstill, gross, net, lb, kg, piece count

KEYBOARD:

6-key flat membrane panel, tactile feel

OPERATING TEMPERATURE:

Legal: 14°F to 104°F (-10°C to 40°C)
Industrial: 14°F to 122°F (-10°C to 50°C)

WEIGHT:

3 lb (1.4 kg)

RATING/MATERIAL:

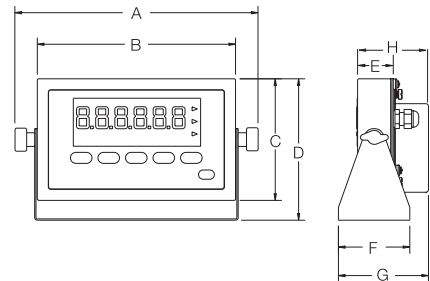
NEMA 4X/IP66, stainless steel

APPROVALS:

NTEP-certified, per H-44, Class III/IIIL, CC# 98-203A1
Measurement Canada approved, AM-5300, Class III/IIHHD, III at 10,000 Divisions and IIIHD at 20,000 Divisions;
CE marked, UL & CUL listed

WARRANTY:

2-year limited warranty



DIMENSIONS

| | |
|-----------------------|----------------------|
| A = 11.04" (280.4 mm) | E = 1.62" (41.1 mm) |
| B = 9.0" (228.6 mm) | F = 3.24" (82.3 mm) |
| C = 5.52" (140.2 mm) | G = 4.09" (103.9 mm) |
| D = 6.42" (163.1 mm) | H = 3.0" (76.2 mm) |