

IQ plus® 390-DC

Battery Powered Digital Weight Indicator



STANDARD FEATURES

- NEMA 4X/IP66-rated stainless steel enclosure
- Large 1 in (24.5mm), six-digit Liquid Crystal Display (LCD)
- Six 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 230VAC power
- Configurable standby mode that saves battery life
- RATTLETRAP® three-stage digital filtering
- Piece count mode

APPROVALS



SPECIFICATIONS

POWER:

9VDC, provided by 6 "C" cell alkaline batteries or AC adapter
Power consumption: (Estimated battery life)
100mA (100 hours with 4 x 350Ω load cells),
25mA typical (300 hours with 1 load cell)

EXCITATION VOLTAGE:

5VDC, 4 x 350Ω or 8 x 700Ω load cells

ANALOG SIGNAL INPUT RANGE:

-2.5mV – 22.5mV or -.5mV/V – 4.5mV/V

ANALOG SIGNAL SENSITIVITY:

0.3μV/graduation minimum
1.5μV/grad recommended

RESOLUTION:

Internal resolution: 1 million 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 in (24.5mm) 6-digit Liquid Crystal Display (LCD), 7 segment, digits

CIRCUIT PROTECTION:

RFI, EMI, ESD protection

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:

3lb (1.4kg)

RATING/MATERIAL:

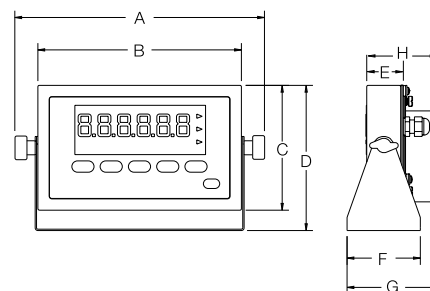
NEMA 4X/IP66, stainless steel

APPROVALS:

NTEP-at 10,000 divisions,
Class III/IIIL, CC# 98-203A2
Measurement Canada approved, AM-5300,
Class III/IIILD, III at 10,000 Divisions and IIILD at
20,000 Divisions
CE marked
UL & CUL listed

WARRANTY:

Two-year limited warranty



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