

IQ plus® 355 Digital Weight Indicator



Standard Features

- Large .8" (20.3 mm) Light Emitting Diode (LED) Display
- Configurable analog to digital measurement rate
- Power for eight 350Ω load cells or 16, 700Ω load cells
- Primary/secondary units configuration: lb, kg, ounces, short tons, metric tons, grams or none
- Nema 4X/IP66 stainless steel washdown enclosure
- 5-button operation
- Two independent communication ports: (1) full duplex, (1) unidirectional or active 20 mA current loop
- Standardized EDP command sets
- Programmable ticket formats up to two 300-character printouts
- Full front-panel digital calibration and configuration
- Universal mounting stand
- Three-stage digital filtering
- Consecutive transaction numbering
- Two digital inputs

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:

10 VDC,
8 x 350Ω or 16 x 700Ω load cells

ANALOG SIGNAL INPUT RANGE:

-0.6 mV/V - 4.5 mV/V

ANALOG SIGNAL SENSITIVITY:

0.3 μV/graduation minimum,
1.5 μV/grad recommended

RESOLUTION:

Internal resolution:
308,000 internal graduations
Display resolution:
100,000 displayed graduations

MEASUREMENT RATE:

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

SYSTEM LINEARITY:

Within 0.01% of full scale

DIGITAL INPUTS:

2 inputs with 8 functions to select
from

CIRCUIT PROTECTION:

ESD, EMI, RFI protection

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 mm), 6-digit Super Red
Light Emitting Diode (LED) display,
7-segment, 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:

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

WEIGHT:

6.4 lb (2.9 kg)

RATING/MATERIAL:

Enclosure: NEMA 4X/IP66, heavy
gauge stainless steel

APPROVALS:

NTEP - at 10,000 Divisions,
Class III/IIIL, CC# 97-130;
Measurement Canada approved,
AM-5213, Class III/IIHHD at 10,000
Divisions;

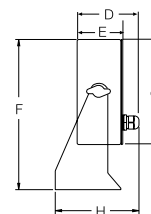
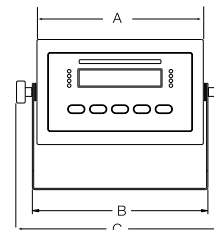
OIML approved, TC6008; T5692

UL & C-UL listed;

CE marked

WARRANTY:

Two-year limited warranty



DIMENSIONS

| | |
|-----------------------|----------------------|
| A = 9.50" (241.3 mm) | E = 2.75" (69.9 mm) |
| B = 10.02" (254.5 mm) | F = 8.57" (217.7 mm) |
| C = 11.80" (299.7 mm) | G = 6.00" (152.4 mm) |
| D = 3.67" (93.2 mm) | H = 3.85" (97.8 mm) |