

## IQ plus® 355 Digital Weight Indicator

**Super Bright  
LED Display!**



### Approvals



Measurement  
Canada  
Approved



### 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 sixteen 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

### 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 ± 0.5 VDC, 8 x 350 load cells or  
16 x 700 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" (20.3 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:

6.4 lb (2.9 kg)

#### RATING/MATERIAL:

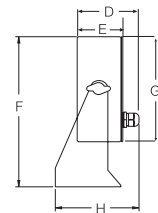
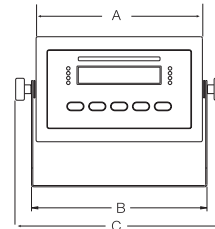
Enclosure: NEMA 4X/IP66, heavy  
gauge stainless steel

#### APPROVALS:

NTEP - at 10,000 Divisions, Class  
III/IIIL, CC# 97-130A1;  
Measurement Canada approved,  
AM-5213, Class III/IIILD at 10,000  
Divisions;  
OIML approved, TC6008;  
UL & C-UL listed;  
CE marked

#### WARRANTY:

2-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)