

IQ plus® 355 Digital Weight Indicator**STANDARD FEATURES**

- Large .8 in (20.3 mm) Light Emitting Diode (LED) Display
- Configurable analog to digital measurement rate
- Power for eight 350 Ω load cells or 16, 700 Ω load cells
- Primary/secondary units configuration: lb, kg, ounces, short tons, metric tons, grams or none
- Nema 4X/IP66 stainless steel washdown enclosure
- Five 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 230VAC
Frequency: 50 or 60 Hz
Power consumption: 70 mA @ 115VAC (8W)
35 mA @ 230VAC (8W)

Excitation Voltage:

10VDC, 8 x 350 Ω or 16 x 700 Ω 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 in (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: 14°F to 104°F (-10°C to 40°C)
Industrial: 14°F to 122°F (-10°C to 50°C)

Weight:

6.4 lb (2.9 kg)

Rating/Material:

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

Warranty:

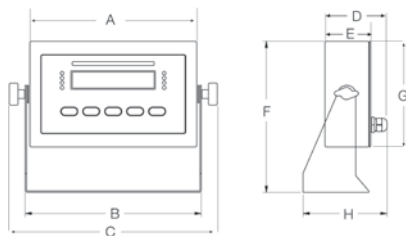
Two-year limited warranty

Approvals:

NTEP CC 97-130, Class III/IIIL 10,000d
Measurement Canada AM-5213, Class III/IIHD 10,000 d
OIML TC6008; T5692
UL & C-UL listed
CE marked

DIMENSIONS

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



IQ plus® 355 Digital Weight Indicator**PART NUMBER/PRICE**

PART #	DESCRIPTION	WEIGHT	PRICE
51968	IQ plus 355, 115 VAC†	10 lb	Consult
66729	IQ plus 355, 230 VAC, CE marked/OIML approved††	10 lb	Consult
53241	IQ plus 355, uncased, 115 VAC†	4 lb	Consult
91803	IQ plus 355 with analog output, 115 VAC†	10 lb	Consult
53631	IQ plus 355 with quick connect, 115 VAC†	10 lb	Consult
53632	IQ plus 355 with quick connect, 230 VAC††	10 lb	Consult

OPTIONS/ACCESSORIES

PART #	DESCRIPTION	PRICE
43381	Analog output: selectable 0-10V, 4-20 mA	Consult
52948	Panel mount kit**	Consult
77925	Revolution™ scale software*	Consult
66503	Additional operating manual	Consult
83564	Clear protective overlay (package of five)	Consult
92777	Filter, PreVent™ vent kit	Consult
91895	Quick Connect, female connector and cable, 17 in	Consult
53640	Quick Connect, male connector and cable, 20 feet	Consult

Primary Component Parts

52211	Board assembly, 115 VAC	Consult
52210	Board assembly, 230 VAC	Consult
50556	Overlay membrane panel	Consult
53848	200 mA TR5 subminiature fuses, 115 VAC	Consult
53881	100 mA TR5 subminiature fuses, 230 VAC	Consult

* Revolution® can be downloaded for FREE at www.ricelake.com

** Panel mount kit is not NEMA rated



†† CEE 7/7 plug



† NEMA 5-15 plug