

# 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



## SPECIFICATIONS

### Power:

Line voltages: 115 or 230VAC  
 Frequency: 50 or 60 Hz  
 Power consumption: 70 mA @ 115VAC (8 W)  
 35 mA @ 230VAC (8 W)

### 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) -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

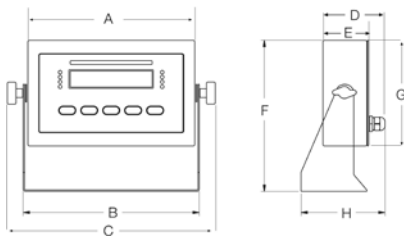
### Warranty:

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

INDICATORS/CONTROLLERS



## 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, 115VAC†	10 lb	Consult
66729	IQ plus 355, 230VAC, CE marked/OIML approved††	10 lb	Consult
53241	IQ plus 355, uncased, 115VAC†	4 lb	Consult
91803	IQ plus 355 with analog output, 115VAC†	10 lb	Consult
53631	IQ plus 355 with quick connect, 115VAC†	10 lb	Consult
53632	IQ plus 355 with quick connect, 230VAC††	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, 115VAC	Consult
52210	Board assembly, 230VAC	Consult
50556	Overlay membrane panel	Consult
53848	200 mA TR5 subminiature fuses, 115VAC	Consult
53881	100 mA TR5 subminiature fuses, 230VAC	Consult

\* Revolution™ can be downloaded for FREE at [www.ricelake.com](http://www.ricelake.com)

\*\* Panel mount kit is not NEMA rated



†† CEE 7/7 plug



† NEMA 5-15 plug