



STANDARD FEATURES

- Large .8in (20.3mm) 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
- Five button operation
- Two independent communication ports: (1) full duplex, (1) unidirectional or active 20mA 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 60Hz
 Power consumption: 70mA @ 115VAC (8W)
 35mA @ 230VAC (8W)

EXCITATION VOLTAGE:

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

ANALOG SIGNAL INPUT RANGE:

-0.6mV/V - 4.5mV/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 20mA current loop
 Both ports: 9600, 4800, 2400, 1200, 600, 300 bps; 7 or 8 data bits; even, odd or no parity

DISPLAY:

0.8in (20mm), 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:

6.4lb (2.9kg)

RATING/MATERIAL:

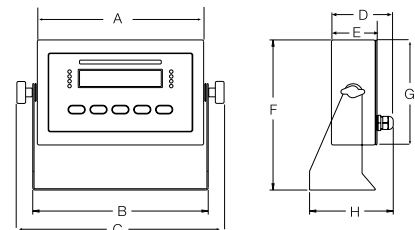
Enclosure: NEMA 4X/IP66, heavy gauge stainless steel

APPROVALS:

NTEP - at 10,000 Divisions, Class III/IIIL, CC# 97-130, A2,
 Measurement Canada approved, AM-5213, Class III/IIILD at 10,000 Divisions
 OIML approved, TC6008; T5692
 UL & C-UL listed
 CE marked

WARRANTY:

Two-year limited warranty



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

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

OPTIONS/ACCESSORIES

43381.....	Analog output: selectable 0-10V, 4-20 mA.....	
52948.....	Panel mount kit**	
77925.....	Revolution™ III scale software*.....	
66503.....	Additional operating manual.....	
83564.....	Clear protective overlay (package of five).....	
92777.....	Filter, PreVent™ vent kit.....	

Primary Component Parts

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

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

** Panel mount kit is not NEMA rated

