

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

Excitation Voltage:

10 VDC, 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 μ V/graduation minimum,
1.5 μ V/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:

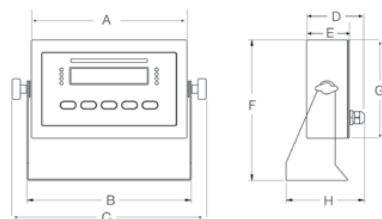
Enclosure: NEMA 4X/IP66, heavy gauge
stainless steel

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) |

RICE LAKE
WEIGHING SYSTEMS

INDICATORS/CONTROLLERS

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

** Panel mount kit is not NEMA rated



†† CEE 7/7 plug



† NEMA 5-15 plug