IQ PLUS® 355

DIGITAL WEIGHT INDICATOR

ANOTHER **REVOLUTION**® SOLUTION
SCALE SOFTWARE

IQ PLUS® 355 DIGITAL WEIGHT INDICATOR

High Performance, High Durability, Low Price.

The IQ plus® 355 is built to outlast and outperform any other indicator in its class. Providing the ultimate protection, the IQ plus 355 is encased in a tough, all stainless steel NEMA 4X/IP66 enclosure for extra-long life, even in the harshest conditions. The ultra-bright, oversized display reduces operator error and accelerates productivity.

Fully interactive, the IQ plus 355 features two independent communication ports for complete EDP and print ticket programmability. It easily programs two formats with up to 300 characters, allowing you to create complex custom tickets.

The IQ plus 355 drives up to eight 350-ohm load cells, making it the perfect choice for simple multi-cell applications. Additionally, it features RATTLETRAP® three-stage digital filtering for eliminating most vibration interference and providing stable, accurate weight data regardless of environment. A simple five-button front panel provides easy operation with full calibration and configuration.

The IQ plus 355 provides two print formats that can be customized to include up to 300 characters on printed tickets.

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Standard Features

- Large .8" (20.3mm) Light Emitting Diode (LED) display
- Primary/secondary units configuration: lb, kg, ounce, short tons, metric tons, grams, or none
- Stainless steel washdown enclosure with tilt stand
- 5-button operation
- 2 independent communication ports
- Power for 8 350 Ω load cells or 16 700 Ω load cells
- Three-stage digital filtering
- 2 x 300-character programmable print formats
- Consecutive numbering
- Supports IQ plus 310A command sets
- 2 digital inputs

Options

- Analog output: selectable 0-10V, 4-20mA
- Panel mount kit
- Clear protective overlay
- GORE™ Protective Vent

Specifications

Display:	0.8" (20.3 mm) LED 6-digit
Annunciators:	Gross, net, zero, motion, lb, kg, oz, g
Power:	115 VAC @ 70 mA, or 230 VAC @ 35 mA, 50-60 Hz
Load Cells:	8 x 350 Ω, 16 x 700 Ω
Internal Resolution:	308,000 internal counts
External Resolution:	100,000 display divisions
System Linearity:	Within 0.01% of full scale
Measurement Rate:	Configurable 30, 15, 7, 3 updates/second
Filtering:	RATTLETRAP® three-stage digital filtering
Serial Ports:	Two independent outputs, (1) full duplex RS-232; (1) simplex RS-232 or 20 mA
Consecutive Number:	Selectable start point of "0" or "1" to 999,999
Radiated Immunity:	3 volts/meter EN 61000-4-3
ESD Immunity:	IEC 801-2:91 EN 61000-4-2 per EN 45501
Digital Inputs:	Two configurable digital inputs
Enclosure:	NEMA 4X/IP66
Enclosure Size:	9.5" x 6" x 2.75" (241.3 mm x 152.4 mm x 69.9 mm)
Temperature Range:	Legal for trade: -10°C to +40°C/14°F to 104°F
Warranty:	Two-year limited warranty

Approvals

NTEP	OIML	Measurement Canada Approved	CE	c UL us LISTED
CC #97-130A2 n_{max}=10,000 Class III/IIIL	TC6008, T5692 n_{max}=3000/1000 Class III/IIII	AM-5213 n_{max}=10,000 Class III/III HD		

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WEIGHING SYSTEMS
To be the best by every measure®