

IQ 355

PLUS[®]

DIGITAL
WEIGHT INDICATOR



ANOTHER **REVOLUTION** SOLUTION
SCALE SOFTWARE

LB Les Balances
LEDUC & THIBEAULT

IQ 355 DIGITAL WEIGHT INDICATOR

PLUS



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 350Ω load cells or 16 700Ω 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" (20.3mm) LED 6-digit
Annunciators:	Gross, net, zero, motion, lb, kg, oz, g
Power:	115VAC @ 70mA, or 230VAC @ 35mA, 50-60Hz
Load Cells:	8 x 350Ω, 16 x 700Ω
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 20mA
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" (241.3mm x 152.4mm x 69.9mm)
Temperature Range:	Legal for trade: -10°C to +40°C/14°F to 104°F
Warranty:	Two-year limited warranty

Approvals



CC #97-130A2
n_{max}=10,000
Class III/III



TC6008, T5692
n_{max}=3000/1000
Class III/III

Measurement
Canada
Approved

AM-5213
n_{max}=10,000
Class III/III HD



550.691.2111 (Beauharnois)
514.239.7060 (Montréal)
613.794.4133 (Ottawa)
1.877.691.2111 (Sans Frais)
info@leduc-thibeault.com

Les Balances
LEDUC & THIBEAULT

Les Balances LEDUC & THIBEAULT Inc.
200 Robert McKenzie
Beauharnois, Qc J6N 0N9 • Canada
TEL: 450-691-2111

www.leduc-thibeault.com