

RoughDeck™ *Rough-n-Ready System* Floor Scale / Indicator Package



(Shown with optional floor stand for indicator. Setup and calibration are done at Rice Lake Weighing Systems. Package includes 4 x 4 - 5,000 lb or 10,000 lb mild steel RoughDeck only.)

Approvals



Measurement
Canada
Approved



(SEE CHART ON BACK OF PAGE FOR PART NUMBERS)

The Rough-n-Ready System is designed and built for high-accuracy industrial applications. By utilizing a rigid 6-inch steel channel frame under a painted steel diamond treadplate deck, the Rough-n-Ready System offers the ultimate in durability. Combined with your choice of three different indicators, this NTEP-certified RoughDeck package provides accuracy, versatility and dependability for all of your shipping/receiving and manufacturing applications.

This product package is available with the IQ plus® 355 digital weight indicator for 5-button operation in simple weighing applications. If getting power to the scale is a problem, your solution is the handy IQ plus® 390-DC, featuring battery operation and a simple five-button keypad. For more advanced applications, use the IQ plus® 590-DC, featuring battery operation and a full numeric keypad for easy configuration.

Configured, corner-trimmed and calibrated for 5000 divisions, this impressive system comes complete with an indicator tilt stand and 20 ft of SURVIVOR® EL147HE 6-conductor hostile environment load cell cable.

Available options include a stand-alone indicator pedestal, floor anchor plates, access ramps and pit frames.

Applications

- Legal-for-trade
- Shipping and receiving
- Manufacturing
- General purpose weighing

Standard Features

- NEMA 4 aluminum J-box
- Welded seal load cells
- All-inclusive **FIVE-YEAR** limited warranty on RoughDeck only
- Heavy-duty industrial design
- Rugged diamond safety treadplate deck
- Rigid structural steel channel frame
- Four adjustable stainless steel SUREFOOT support feet
- Signal trim summing board
- Threaded eyebolt holes for easy lifting
- 20 ft SURVIVOR EL147HE hostile environment load cell cable with quick disconnect

Options/Accessories

RoughDeck HP Floor Scale:

18777.....Floor anchor plates, mild steel (set of two)

19352.....Floor stand for indicator, 36.3" high, mild steel, suitable for IQ plus 310A, IQ plus 355, IQ plus 390, IQ plus 590, IQ 700, IQ plus 800, IQ plus 510, IQ plus 710, UMC444 and UMC555

66662.....Additional operating manual

Access ramps, pit frames and portability frames available.

See RoughDeck Accessories catalog page

IQ plus 355, IQ plus 390-DC, and IQ plus 590-DC Indicator:

46030.....Revolution™ Scale Software

66503.....Additional operating manual, IQ plus 355

43544.....Additional operating manual, IQ plus 390-DC

51778.....Additional operating manual, IQ plus 590-DC

Consult factory for Canadian Legal-for-Trade packages

Choice of 3 Quality Indicators



IQ plus 355

IQ plus 390-DC

IQ plus 590-DC

ROUGHDECK HP FLOOR SCALE

LOAD CELL CAPACITY:

2500 lb on 5000 lb bases,
4000 lb on 10,000 lb bases

END LOAD CAPACITY:

100% full scale at 5000 lbs
80% on full scale at 10,000 lbs

APPROVALS:

NTEP-certified per H-44 at 5,000 Divisions, Class III,
CC #92-001A9, Measurement Canada Approved, AM-4827,
HC Series, Consult factory for Canadian part numbers

mV/V OUTPUT:

1.50 - 1.87 mV/V nominal

CABLE LENGTH:

20 ft (6.1 m)

HEIGHT:

3.25" (82.6mm) min

WARRANTY:

5-year limited warranty

ROUGHDECK ROUGH-N-READY SYSTEM

PACKAGE INCLUDES: IQ plus® 355, IQ plus® 390-DC,
or IQ plus® 590-DC indicator, RoughDeck 4' x 4' floor scale,
20 ft of hostile environment load cell cable and quick disconnect.

PART#	INDICATOR	Capacity	EST. SHIP
		LB (KG)	WEIGHT
53423	.... IQ plus 590, 115 VAC	5000 lb (2500 kg)	405 lb
53424	.... IQ plus 390, 115 VAC	5000 lb (2500 kg)	405 lb
53425	.... IQ plus 355, 115 VAC	5000 lb (2500 kg)	405 lb
53429	.... IQ plus 590, 230 VAC	5000 lb (2500 kg)	405 lb
53430	.... IQ plus 390, 230 VAC	5000 lb (2500 kg)	405 lb
53431	.... IQ plus 355, 230 VAC	5000 lb (2500 kg)	405 lb
53420	.... IQ plus 590, 115 VAC	10,000 lb (5000 kg)	405 lb
53421	.... IQ plus 390, 115 VAC	10,000 lb (5000 kg)	405 lb
53422	.... IQ plus 355, 115 VAC	10,000 lb (5000 kg)	405 lb
53426	.... IQ plus 590, 230 VAC	10,000 lb (5000 kg)	405 lb
53427	.... IQ plus 390, 230 VAC	10,000 lb (5000 kg)	405 lb
53428	.... IQ plus 355, 230 VAC	10,000 lb (5000 kg)	405 lb

IQ plus 355

Standard Features

- Large .8" (20.3 mm) LED Display
- Configurable analog to digital measurement rate
- Power for eight 350Ω load cells or sixteen 700Ω load cells
- Primary/secondary units configuration: lb, kg, ounces, short tons, metric tons, grams, or none
- NEMA 4X/IP66 stainless steel washdown enclosure
- 5-button operation
- 2 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
- 2-year limited warranty

ANOTHER **REVOLUTION** SOLUTION



Measurement
Canada
Approved

IQ plus 390-DC

Standard Features

- NEMA 4X/IP66-rated stainless steel enclosure
- Large 1" (24.5 mm), six-digit LCD display
- 6-button operation
- Power for four 350Ω load cells or eight 700Ω load cells
- Configurable units multiplier
- Supports 4- and 6-wire load cell connections
- EDP port for full duplex, RS-232 communications
- Powered by 6 "C" cell alkaline batteries for complete portability (batteries not included)
- AC adapter for 115 or 230 VAC power
- Configurable standby mode that saves battery life
- RATTLETRAP® three-stage digital filtering
- Piece count mode
- 2-year limited warranty

ANOTHER **REVOLUTION** SOLUTION



Measurement
Canada
Approved

IQ plus 590-DC

Standard Features

- Full numeric keypad
- Keyboard entry of piece weight, tare weight, calibration, and sample size
- Display tare button
- Powered by 6 "C" cell alkaline batteries for complete portability (batteries not included)
- Revolution™ Scale Software support
- Three 300-character print ticket formats
- Power for four 350Ω load cells or eight 700Ω load cells
- Supports 4- and 6-wire load cell connections
- EDP port for full duplex, RS-232 communications
- NEMA 4X/IP66-rated stainless steel enclosure
- Large 1" (24.5 mm), six-digit LCD display
- AC adapter for 115 or 230 VAC power
- Configurable standby mode to prolong battery life
- RATTLETRAP® three-stage digital filtering
- Configurable units multiplier
- Configurable analog to digital measurement rate
- Self-resetting thermal fuse
- 2-year limited warranty

ANOTHER **REVOLUTION** SOLUTION



Measurement
Canada
Approved

Please refer to indicator section of this catalog for complete indicator specifications