

## IQ plus<sup>®</sup> 2100 Digital Bench Scale



IQ plus 2100 with attachment bracket



IQ plus 2100 with column

### Standard Features

- NEMA 4X, 304 stainless steel
- Large, bold 0.8" Light Emitting Diode (LED) Display
- Status annunciators: lb, kg, oz, g, negative, motion, center of zero
- One full duplex RS-232 port
- Two digital inputs for remote zero, print, and units
- 12" column, attachment bracket, or tilt stand for table, wall or under counter mounting
- 115 VAC operation, 230 VAC available
- RL1042 aluminum, single point load cell
- Overload and upload stops on scale base
- Stainless steel, tactile feel, piezo zero and units buttons
- Displays units in decimal lb, kg, oz, lb & oz, and grams

### Approvals



Measurement  
Canada  
Approved



Meets USDA  
Requirements



IQ plus 2100 with tilt stand

### Specifications

#### LINE VOLTAGES:

115 or 230 VAC

#### FREQUENCY:

50 or 60 Hz

#### POWER CONSUMPTION:

70 mA @ 115 VAC (8W)  
35 mA @ 230 VAC (8W)

#### DISPLAY RESOLUTION:

10,000 dd

#### DIGITAL INPUTS:

Two inputs, TTL or switch closure, active-low

#### DIGITAL FILTER:

Software selectable

#### SERIAL COMMUNICATIONS:

Full duplex RS-232; 9600, 4800, 2400, 1200 bps; 7 or 8 data bits; even, odd, or no parity

#### DISPLAY:

6-digit Light Emitting Diode (LED) display, 7-segment, 0.8" (20 mm) digits

#### LED ANNUNCIATORS:

Negative value, center of zero, motion, kg, g, lb, oz

#### KEYPAD:

Two stainless steel piezo switches

#### OPERATING TEMPERATURE:

14°F to 104°F (-10°C to 40°C)

#### RATING/MATERIAL:

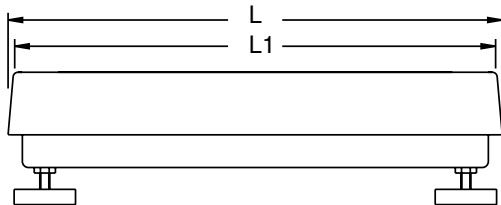
NEMA 4X/IP66, stainless steel

#### APPROVALS:

Indicator: NTEP certified per H-44, Class III 10,000d; CC# 00-045  
Measurement Canada approved, AM-5374; UL & C-UL listed  
Base: NTEP - certified per H-44, Class III 5,000d; CC# 95-072A2

#### WARRANTY:

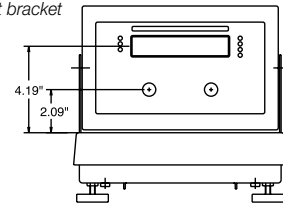
2-year limited warranty



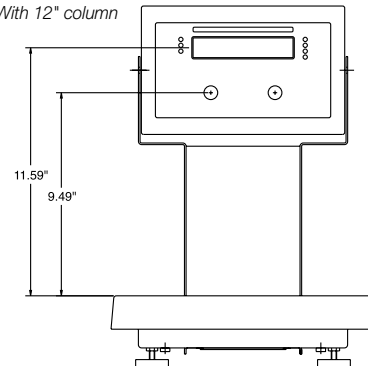
Platform Dimensions	L	L1
10" x 10" (254 mm x 254 mm)	10.25" (260.4 mm)	10" (254 mm)
12" x 12" (304.8 mm x 304.8 mm)	12.25" (311.2 mm)	12" (304.8 mm)

See BenchMark Series – Stainless Steel for 12" x 18", 18" x 18", 18" x 24", and 24" x 24" detailed platform dimensions

With attachment bracket



With 12" column



## Specifications (cont.)

PART #	PLATFORM SIZE*	CAPACITY (LB/KG/G/OZ)	EST. SHIP WEIGHT
<b>IQ plus 2100 with tilt stand - 115 VAC</b>			
63053	10" x 10"	5 x 0.001 lb, 2.5 x 0.0005 kg/ 2,500 x 0.5 g/80 x 0.02 oz	23 lb
63052	10" x 10"	10 x 0.002 lb/5 x 0.001 kg/ 5,000 x 1 g/160 x 0.05 oz	23 lb
63051	10" x 10"	25 x 0.005 lb/10 x 0.002 kg/ 10,000 x 2 g/400 x 0.10 oz	23 lb
63050	12" x 12"	50 x 0.01 lb/25 x 0.005 kg/ 25,000 x 5 g/800 x 0.20 oz	26 lb
63049	12" x 12"	100 x 0.02 lb/50 x 0.01 kg/ 50,000 x 10 g/1,600 x 0.50 oz	26 lb
<b>IQ plus 2100 with tilt stand - 230 VAC</b>			
63068	10" x 10"	5 x 0.001 lb/2.5 x 0.0005 kg/ 2,500 x 0.5 g/80 x 0.02 oz	23 lb
63067	10" x 10"	10 x 0.002 lb/5 x 0.001 kg/ 5,000 x 1 g/160 x 0.05 oz	23 lb
63066	10" x 10"	25 x 0.005 lb/10 x 0.002 kg/ 10,000 x 2 g/400 x 0.10 oz	23 lb
63065	12" x 12"	50 x 0.01 lb/25 x 0.005 kg/ 25,000 x 5 g/800 x 0.20 oz	26 lb
63064	12" x 12"	100 x 0.02 lb/50 x 0.01 kg/ 50,000 x 10 g/1,600 x 0.50 oz	26 lb
<b>IQ plus 2100 with attachment bracket - 115 VAC</b>			
63043	10" x 10"	5 x 0.001 lb/2.5 x 0.0005 kg/ 2,500 x 0.5 g/80 x 0.02 oz	23 lb
63042	10" x 10"	10 x 0.002 lb/5 x 0.001 kg/ 5,000 x 1 g/160 x 0.05 oz	23 lb
63041	10" x 10"	25 x 0.005 lb/10 x 0.002 kg/ 10,000 x 2 g/400 x 0.10 oz	23 lb
63040	12" x 12"	50 x 0.01 lb/25 x 0.005 kg/ 25,000 x 5 g/800 x 0.20 oz	26 lb
63039	12" x 12"	100 x 0.02 lb/50 x 0.01 kg/ 50,000 x 10 g/1,600 x 0.50 oz	26 lb
<b>IQ plus 2100 with attachment bracket - 230 VAC</b>			
63058	10" x 10"	5 x 0.001 lb/2.5 x 0.0005 kg/ 2,500 x 0.5 g/80 x 0.02 oz	23 lb
63057	10" x 10"	10 x 0.002 lb/5 x 0.001 kg/ 5,000 x 1 g/160 x 0.05 oz	23 lb
63056	10" x 10"	25 x 0.005 lb/10 x 0.002 kg/ 10,000 x 2 g/400 x 0.10 oz	23 lb
63055	12" x 12"	50 x 0.01 lb/25 x 0.005 kg/ 25,000 x 5 g/800 x 0.20 oz	26 lb
63054	12" x 12"	100 x 0.02 lb/50 x 0.01 kg/ 50,000 x 10 g/1,600 x 0.50 oz	26 lb
<b>IQ plus 2100 with 12" column - 115 VAC</b>			
63048	10" x 10"	5 x 0.001 lb, 2.5 x 0.0005 kg/ 2,500 x 0.5 g/80 x 0.02 oz	25 lb
63047	10" x 10"	10 x 0.002 lb/5 x 0.001 kg/ 5,000 x 1 g/160 x 0.05 oz	25 lb
63046	10" x 10"	25 x 0.005 lb/10 x 0.002 kg/ 10,000 x 2 g/400 x 0.10 oz	25 lb
63045	12" x 12"	50 x 0.01 lb/25 x 0.005 kg/ 25,000 x 5 g/800 x 0.20 oz	28 lb
63044	12" x 12"	100 x 0.02 lb/50 x 0.01 kg/ 50,000 x 10 g/1,600 x 0.50 oz	28 lb
<b>IQ plus 2100 with 12" column - 230 VAC</b>			
63063	10" x 10"	5 x 0.001 lb/2.5 x 0.0005 kg/ 2,500 x 0.5 g/80 x 0.02 oz	25 lb
63062	10" x 10"	10 x 0.002 lb/5 x 0.001 kg/ 5,000 x 1 g/160 x 0.05 oz	25 lb
63061	10" x 10"	25 x 0.005 lb/10 x 0.002 kg/ 10,000 x 2 g/400 x 0.10 oz	25 lb
63060	12" x 12"	50 x 0.01 lb/25 x 0.005 kg/ 25,000 x 5 g/800 x 0.20 oz	28 lb
63059	12" x 12"	100 x 0.02 lb/50 x 0.01 kg/ 50,000 x 10 g/1,600 x 0.50 oz	28 lb
<b>IQ plus 2100 with 18" column - 115 VAC</b>			
72476	12" x 18"	50 x 0.01 lb/25 x 0.005 kg/ 25,000 x 5 g/800 x 0.02 oz	25 lb
72477	12" x 18"	100 x 0.02 lb/50 x 0.01 kg/ 50,000 x 10 g/1600 x 0.50 oz	25 lb
72478	18" x 18"	50 x 0.01 lb/25 x 0.005 kg/ 25,000 x 5 g/800 x 0.02 oz	25 lb
72479	18" x 18"	150 x 0.05 lb/75 x 0.02 kg/ 75,000 x 20 g/2400 x 0.50 oz	25 lb
72480	18" x 18"	300 x 0.1 lb/150 x 0.05 kg/ 150,000 x 50 g/4800 x 1 oz	25 lb
72481	18" x 18"	500 x 0.1 lb/250 x 0.05 kg/ 250,000 x 50 g/8000 x 2 oz	25 lb
72482	18" x 24"	50 x 0.01 lb/25 x 0.005 kg/ 25,000 x 5 g/800 x 0.02 oz	25 lb
72483	18" x 24"	150 x 0.05 lb/75 x 0.02 kg/ 75,000 x 20 g/2400 x 0.50 oz	25 lb
72484	18" x 24"	300 x 0.1 lb/150 x 0.05 kg/ 150,000 x 50 g/4800 x 1 oz	25 lb
72485	18" x 24"	500 x 0.1 lb/250 x 0.05 kg/ 250,000 x 50 g/8000 x 2 oz	25 lb
72486	18" x 24"	1000 x 0.2 lb/500 x 0.1 kg/ 500,000 x 100 g/16,000 x 5 oz	25 lb
72487	24" x 24"	150 x 0.05 lb/75 x 0.02 kg/ 75,000 x 20 g/2400 x 0.50 oz	25 lb
72488	24" x 24"	300 x 0.1 lb/150 x 0.05 kg/ 150,000 x 50 g/4800 x 1 oz	25 lb
72489	24" x 24"	500 x 0.1 lb/250 x 0.05 kg/ 250,000 x 50 g/8000 x 2 oz	25 lb
72490	24" x 24"	1000 x 0.2 lb/500 x 0.1 kg/ 500,000 x 100 g/16,000 x 5 oz	25 lb
<b>Options/Accessories</b>			
53001	304 stainless steel clamshell for added load cell protection		
64123	Remote switch for zero, units, and print (non-washdown)		
N/A	Print button mounted on the top of the enclosure (not field installable)		
N/A†	Two non-tactile buttons (in place of tactile buttons)		
N/A	RL1380 stainless steel load cell (replacing standard RL1042 aluminum load cell)		
N/A***	18" column replacing standard 12" column		
53415	Additional operation manual		

\* To convert inches to millimeters: Multiply inch measurement by 25.4

\*\*\* Not recommended for use with scale bases smaller than 12" x 12"

† If ordering the two non-tactile buttons or column without a scale, refer to the replacement parts catalog for part number and pricing