



## STANDARD FEATURES

- NEMA 4X, 304 stainless steel
- Large, bold 0.8in 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
- 12in column, attachment bracket or tilt stand for table, wall or under counter mounting
- 115VAC operation, 230VAC available
- RL1042 aluminum, single point load cell
- Overload and upload stops on scale base
- Stainless steel, non-tactile feel, piezo zero and units buttons
- Displays units in decimal lb, kg, oz, g (lb and oz not legal-for-trade)
- Prevent™ breather vent
- Spring loaded platform

## APPROVALS



## SPECIFICATIONS

### LINE VOLTAGES:

115 or 230VAC

### FREQUENCY:

50 or 60Hz

### POWER CONSUMPTION:

70mA @ 115VAC (8W)  
35mA @ 230VAC (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; seven or eight data bits; even, odd, or no parity

### DISPLAY:

Six-digit Light Emitting Diode (LED) display, seven-segment, 0.8in (20mm) 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 L 10,000 d; CC# 00-045  
Measurement Canada approved, AM-5374; UL and C-UL listed  
Base: NTEP Certified per H-44, Class III 5,000 d; CC# 95-072A2

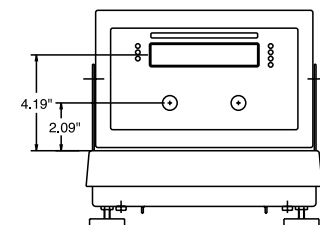
### WARRANTY:

Two-year limited warranty

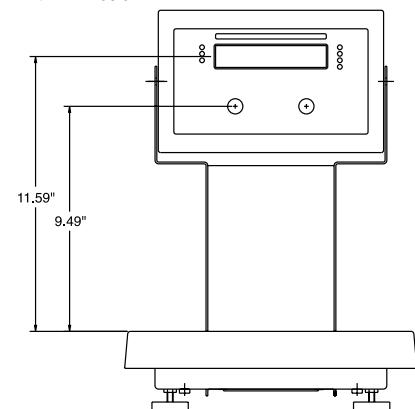
### IQ PLUS 2100SL SPECIFICATIONS

For base specifications, please refer to the BenchMark SL Series catalog page BS-1

With attachment bracket

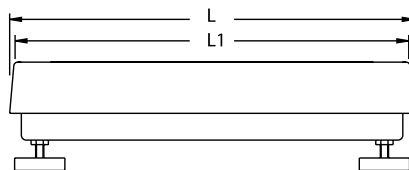


With 12in column



PLATFORM DIMENSIONS	L	L1
10in x 10in ( 254mm x 254mm)	10.25in (260.4mm)	10in (254mm)
12in x 12in (304.8mm x 304.8mm)	12.25in (311.2mm)	12in (304.8mm)

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



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<b>PART #</b>	<b>PLATFORM SIZE*</b>	<b>CAPACITY (LB/KG/G/OZ)</b>	<b>EST. SHIP WEIGHT</b>
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**IQ plus 2100SL with tilt stand - 115VAC**

65168.....	10in x 10in.....	5 x 0.001lb/2.5 x 0.0005kg/ 2,500 x 0.5g/80 x 0.02 oz.....	21 lb .....
65169.....	10in x 10in.....	10 x 0.002lb/5 x 0.001kg/ 5,000 x 1g/160 x 0.05 oz.....	21 lb .....
65170.....	10in x 10in.....	20 x 0.005lb/10 x 0.002kg/ 10,000 x 2g/320 x 0.1 oz.....	21 lb .....
65171.....	10in x 10in.....	30 x 0.01lb/15 x 0.005kg/ 15,000 x 5g/480 x 0.1 oz.....	21 lb .....
65172.....	12in x 12in.....	30 x 0.01lb/15 x 0.005kg/ 15,000 x 5g/480 x 0.1 oz.....	24 lb .....
65173.....	12in x 12in.....	50 x 0.01lb/25 x 0.005kg/ 25,000 x 5g/800 x 0.20 oz.....	24 lb .....
65174.....	12in x 12in.....	100 x 0.02lb/50 x 0.01kg/ 50,000 x 10g/1600 x 0.50 oz.....	24 lb .....

**IQ plus 2100SL with attachment bracket - 115VAC**

65175.....	10in x 10in.....	5 x 0.001lb/2.5 x 0.0005kg/ 2,500 x 0.5g/80 x 0.02 oz.....	21 lb .....
65176.....	10in x 10in.....	10 x 0.002lb/5 x 0.001kg/ 5,000 x 1g/160 x 0.05 oz.....	21 lb .....
65177.....	10in x 10in.....	20 x 0.005lb/10 x 0.002kg/ 10,000 x 2g/320 x 0.1 oz.....	21 lb .....
65178.....	10in x 10in .....	30 x 0.01lb/15 x 0.005kg/ 15,000 x 5g/480 x 0.1 oz.....	21 lb .....
65179.....	12in x 12in.....	30 x 0.01lb/15 x 0.005kg/ 15,000 x 5g/480 x 0.1 oz.....	24 lb .....
65180.....	12in x 12in.....	50 x 0.01lb/25 x 0.005kg/ 25,000 x 5g/800 x 0.20 oz.....	24 lb .....
65181.....	12in x 12in.....	100 x 0.02lb/50 x 0.01kg/ 50,000 x 10g/1600 x 0.50 oz.....	24 lb .....

**IQ plus 2100SL with 12in column - 115VAC**

65182.....	10in x 10in.....	5 x 0.001lb/2.5 x 0.0005kg/ 2,500 x 0.5g/80 x 0.02 oz.....	23 lb .....
65183.....	10in x 10in.....	10 x 0.002lb/5 x 0.001kg/ 5,000 x 1g/160 x 0.05 oz.....	23 lb .....
65184.....	10in x 10in.....	20 x 0.005lb/10 x 0.002kg/ 10,000 x 2g/320 x 0.1 oz.....	23 lb .....
65185.....	10in x 10in.....	30 x 0.01lb/15 x 0.005kg/ 15,000 x 5g/480 x 0.1 oz.....	23 lb .....
65186.....	12in x 12in.....	30 x 0.01lb/15 x 0.005kg/ 15,000 x 5g/480 x 0.1 oz.....	26 lb .....
65187.....	12in x 12in.....	50 x 0.01lb/25 x 0.005kg/ 25,000 x 5g/800 x 0.20 oz.....	26 lb .....
65188.....	12in x 12in.....	100 x 0.02lb/50 x 0.01kg/ 50,000 x 10g/1600 x 0.50 oz.....	26 lb .....

**OPTIONS/ACCESSORIES**

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.....	RL1380 stainless steel load cell (replacing standard aluminum load cell)..... +		
N/A***†.....	18in column replacing standard 12in 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 12in x 12in

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

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