

# IQ Plus® 2100

## Digital Bench Scale



*IQ plus 2100 with attachment bracket*

*IQ plus 2100 with column*

*IQ plus 2100 with tilt stand*

### Specifications

**Line Voltages:**  
115 or 230VAC

**Frequency:**  
50 or 60 Hz

**Power Consumption:**  
70 mA at 115VAC (8 W)  
35 mA at 230VAC (8 W)

**Display Resolution:**  
10,000 dd

**Digital Inputs:**  
Two inputs, TTL or switch closure, active-low

**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, 0.8 in (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 Type 4X/IP66, stainless steel

**Warranty:**  
Two-year limited warranty

**Approvals:**  
**Indicator:**  
NTEP CC 00-045 Class III/IIIL 10,000 d  
Measurement Canada AM-5374;  
UL and C-UL listed

**Base:**  
NTEP CC 95-072, Class III 5,000 d

### Standard Features

- NEMA Type 4X/IP66
- 304 stainless steel construction
- Large, bold 0.8 in 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 in column, attachment bracket or tilt stand for table, wall or under counter mounting
- Aluminum, single-point load cell
- Overload and upload stops on scale base
- Stainless steel, non-tactile feel, piezo zero and units buttons
- Unit of measure: kg, gm, lb, oz, lb/oz (lb/oz is not Legal for Trade)
- PreVent™ breather vent
- Compliant with USDA guidelines

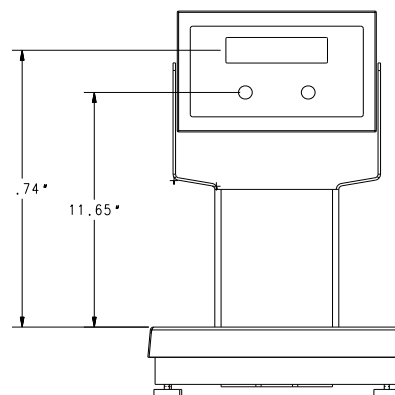
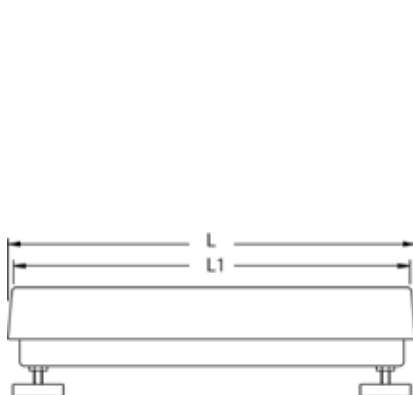
### Approvals



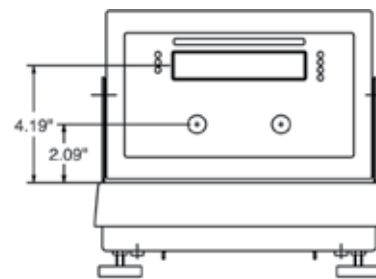
Measurement  
Canada  
Approved

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

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



*With 12 in column*



*With attachment bracket*

**Part Number/Price**

Part #	Platform Size*	Capacity	Est. Weight	Price
<b>IQ plus 2100 with tilt stand - 115 VAC</b>				
63053	10 x 10 in	5 lb x 0.001 lb (2.5 kg x 0.0005 kg) (2,500 g x 0.5 g) (80 oz x 0.02 oz)	23 lb	Consult
63052	10 x 10 in	10 lb x 0.002 lb (5 kg x 0.001 kg) (5,000 g x 1 g) (160 oz x 0.05 oz)	23 lb	Consult
63051	10 x 10 in	25 lb x 0.005 lb (10 kg x 0.002 kg) (10,000 g x 2 g) (400 oz x 0.10 oz)	23 lb	Consult
63050	12 x 12 in	50 lb x 0.01 lb (25 kg x 0.005 kg) (25,000 g x 5 g) (800 oz x 0.20 oz)	26 lb	Consult
63049	12 x 12 in	100 lb x 0.02 lb (50 kg x 0.01 kg) (50,000 g x 10 g) (1,600 oz x 0.50 oz)	26 lb	Consult
<b>IQ plus 2100 with attachment bracket - 115 VAC</b>				
63043	10 x 10 in	5 lb x 0.001 lb (2.5 kg x 0.0005 kg) (2,500 g x 0.5 g) (80 oz x 0.02 oz)	23 lb	Consult
63042	10 x 10 in	10 lb x 0.002 lb (5 kg x 0.001 kg) (5,000 g x 1 g) (160 oz x 0.05 oz)	23 lb	Consult
63041	10 x 10 in	25 lb x 0.005 lb (10 kg x 0.002 kg) (10,000 g x 2 g) (400 oz x 0.10 oz)	23 lb	Consult
63040	12 x 12 in	50 lb x 0.01 lb (25 kg x 0.005 kg) (25,000 g x 5 g) (800 oz x 0.20 oz)	26 lb	Consult
63039	12 x 12 in	100 lb x 0.02 lb (50 kg x 0.01 kg) (50,000 g x 10 g) (1,600 oz x 0.50 oz)	26 lb	Consult
<b>IQ plus 2100 with 12 in column - 115 VAC</b>				
63048	10 x 10 in	5 lb x 0.001 lb (2.5 kg x 0.0005 kg) (2,500 g x 0.5 g) (80 oz x 0.02 oz)	25 lb	Consult
63047	10 x 10 in	10 lb x 0.002 lb (5 kg x 0.001 kg) (5,000 g x 1 g) (160 oz x 0.05 oz)	25 lb	Consult
63046	10 x 10 in	25 lb x 0.005 lb (10 kg x 0.002 kg) (10,000 g x 2 g) (400 oz x 0.10 oz)	25 lb	Consult
63045	12 x 12 in	50 lb x 0.01 lb (25 kg x 0.005 kg) (25,000 g x 5 g) (800 oz x 0.20 oz)	28 lb	Consult
63044	12 x 12 in	100 lb x 0.02 lb (50 kg x 0.01 kg) (50,000 g x 10 g) (1,600 oz x 0.50 oz)	28 lb	Consult
<b>IQ plus 2100 with 12 in column - 230 VAC</b>				
63063	10 x 10 in	5 lb x 0.001 lb (2.5 kg x 0.0005 kg) (2,500 g x 0.5 g) (80 oz x 0.02 oz)	25 lb	Consult
63062	10 x 10 in	10 lb x 0.002 lb (5 kg x 0.001 kg) (5,000 g x 1 g) (160 oz x 0.05 oz)	25 lb	Consult
63061	10 x 10 in	25 lb x 0.005 lb (10 kg x 0.002 kg) (10,000 g x 2 g) (400 oz x 0.10 oz)	25 lb	Consult
63060	12 x 12 in	50 lb x 0.01 lb (25 kg x 0.005 kg) (25,000 g x 5 g) (800 oz x 0.20 oz)	28 lb	Consult
63059	12 x 12 in	100 lb x 0.02 lb (50 kg x 0.01 kg) (50,000 g x 10 g) (1,600 oz x 0.50 oz)	28 lb	Consult
<b>IQ plus 2100 with 18 in column - 115 VAC</b>				
72476	12 x 18 in	50 lb x 0.01 lb (25 kg x 0.005 kg) (25,000 g x 5 g) (800 oz x 0.02 oz)	37 lb	Consult
72477	12 x 18 in	100 lb x 0.02 lb (50 kg x 0.01 kg) (50,000 g x 10 g) (1,600 oz x 0.50 oz)	37 lb	Consult
72478	18 x 18 in	50 lb x 0.01 lb (25 kg x 0.005 kg) (25,000 g x 5 g) (800 oz x 0.02 oz)	68 lb	Consult
72479	18 x 18 in	150 lb x 0.05 lb (75 kg x 0.02 kg) (75,000 g x 20 g) (2,400 oz x 0.50 oz)	68 lb	Consult
72480	18 x 18 in	300 lb x 0.1 lb (150 kg x 0.05 kg) (150,000 g x 50 g) (4,800 oz x 1 oz)	68 lb	Consult
72481	18 x 18 in	500 lb x 0.1 lb (250 kg x 0.05 kg) (250,000 g x 50 g) (8,000 oz x 2 oz)	68 lb	Consult
72482	18 x 24 in	50 lb x 0.01 lb (25 kg x 0.005 kg) (25,000 g x 5 g) (800 oz x 0.02 oz)	78 lb	Consult
72483	18 x 24 in	150 lb x 0.05 lb (75 kg x 0.02 kg) (75,000 g x 20 g) (2,400 oz x 0.50 oz)	78 lb	Consult
72484	18 x 24 in	300 lb x 0.1 lb (150 kg x 0.05 kg) (150,000 g x 50 g) (4,800 oz x 1 oz)	78 lb	Consult
72485	18 x 24 in	500 lb x 0.1 lb (250 kg x 0.05 kg) (250,000 g x 50 g) (8,000 oz x 2 oz)	78 lb	Consult
72486	18 x 24 in	1,000 lb x 0.2 lb (500 kg x 0.1 kg) (500,000 g x 100 g) (16,000 oz x 5 oz)	78 lb	Consult
72487	24 x 24 in	150 lb x 0.05 lb (75 kg x 0.02 kg) (75,000 g x 20 g) (2,400 oz x 0.50 oz)	84 lb	Consult
72488	24 x 24 in	300 lb x 0.1 lb (150 kg x 0.05 kg) (150,000 g x 50 g) (4,800 oz x 1 oz)	84 lb	Consult
72489	24 x 24 in	500 lb x 0.1 lb (250 kg x 0.05 kg) (250,000 g x 50 g) (8,000 oz x 2 oz)	84 lb	Consult
72490	24 x 24 in	1,000 lb x 0.2 lb (500 kg x 0.1 kg) (500,000 g x 100 g) (16,000 oz x 5 oz)	84 lb	Consult

**Options/Accessories**

Part #	Description	Price
64123	Remote switch for zero, units and print (non-washdown)	Consult
N/A	RLPWM15 stainless steel load cell (replacing standard aluminum load cell on 10 x 10 in or 12 x 12 in bases only)	+Consult list price add on
N/A***	18 in column replacing standard 12 in column	+Consult list price add on
53415	Additional operation manual	Consult

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

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