

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



IQ plus 2100 with attachment bracket

IQ plus 2100 with column



IQ plus 2100 with tilt stand

## STANDARD FEATURES

- NEMA 4X, 304 stainless steel
- 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
- Displays units in decimal lb, kg, oz, g (lb and oz-not Legal for Trade) and grams
- Prevent™ breather vent

## APPROVALS



Measurement  
Canada  
Approved

Meets USDA  
Requirements

## SPECIFICATIONS

### Line Voltages:

115 or 230VAC

### 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;  
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 4X/IP66, stainless steel

### Warranty:

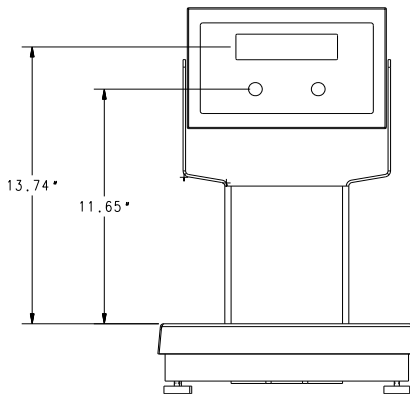
Two-year limited warranty

### Approvals:

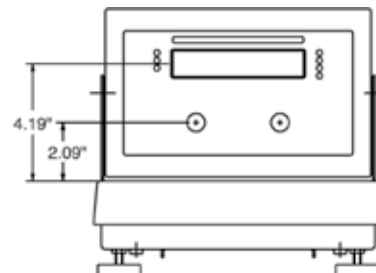
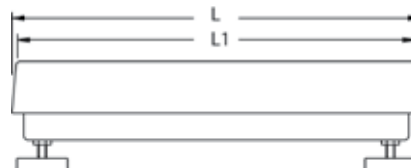
Indicator: NTEP CC 00-045 Class III/III-L 10,000d  
Measurement Canada AM-5374;  
UL and C-UL listed  
Base: NTEP CC 95-072, Class III 5,000d

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<sup>®</sup> 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 (LB/KG/G/OZ)	EST. SHIP WEIGHT	PRICE
<b>IQ plus 2100 with tilt stand - 115 VAC</b>				
63053	10 x 10 in	5 x 0.001 lb, 2.5 x 0.0005 kg/ 2,500 x 0.5 g/80 x 0.02 oz	23 lb	Consult
63052	10 x 10 in	10 x 0.002 lb/5 x 0.001 kg/ 5,000 x 1 g/160 x 0.05 oz	23 lb	Consult
63051	10 x 10 in	25 x 0.005 lb/10 x 0.002 kg/ 10,000 x 2 g/400 x 0.10 oz	23 lb	Consult
63050	12 x 12 in	50 x 0.01 lb/25 x 0.005 kg/ 25,000 x 5 g/800 x 0.20 oz	26 lb	Consult
63049	12 x 12 in	100 x 0.02 lb/50 x 0.01 kg/ 50,000 x 10 g/1,600 x 0.50 oz	26 lb	Consult
<b>IQ plus 2100 with attachment bracket - 115 VAC</b>				
63043	10 x 10 in	5 x 0.001 lb/2.5 x 0.0005 kg/ 2,500 x 0.5 g/80 x 0.02 oz	23 lb	Consult
63042	10 x 10 in	10 x 0.002 lb/5 x 0.001 kg/ 5,000 x 1 g/160 x 0.05 oz	23 lb	Consult
63041	10 x 10 in	25 x 0.005 lb/10 x 0.002 kg/ 10,000 x 2 g/400 x 0.10 oz	23 lb	Consult
63040	12 x 12 in	50 x 0.01 lb/25 x 0.005 kg/ 25,000 x 5 g/800 x 0.20 oz	26 lb	Consult
63039	12 x 12 in	100 x 0.02 lb/50 x 0.01 kg/ 50,000 x 10 g/1,600 x 0.50 oz	26 lb	Consult
<b>IQ plus 2100 with 12 in column - 115 VAC</b>				
63048	10 x 10 in	5 x 0.001 lb, 2.5 x 0.0005 kg/ 2,500 x 0.5 g/80 x 0.02 oz	25 lb	Consult
63047	10 x 10 in	10 x 0.002 lb/5 x 0.001 kg/ 5,000 x 1 g/160 x 0.05 oz	25 lb	Consult
63046	10 x 10 in	25 x 0.005 lb/10 x 0.002 kg/ 10,000 x 2 g/400 x 0.10 oz	25 lb	Consult
63045	12 x 12 in	50 x 0.01 lb/25 x 0.005 kg/ 25,000 x 5 g/800 x 0.20 oz	28 lb	Consult
63044	12 x 12 in	100 x 0.02 lb/50 x 0.01 kg/ 50,000 x 10 g/1,600 x 0.50 oz	28 lb	Consult
<b>IQ plus 2100 with 12 in column - 230 VAC</b>				
63063	10 x 10 in	5 x 0.001 lb/2.5 x 0.0005 kg/ 2,500 x 0.5 g/80 x 0.02 oz	25 lb	Consult
63062	10 x 10 in	10 x 0.002 lb/5 x 0.001 kg/ 5,000 x 1 g/160 x 0.05 oz	25 lb	Consult
63061	10 x 10 in	25 x 0.005 lb/10 x 0.002 kg/ 10,000 x 2 g/400 x 0.10 oz	25 lb	Consult
63060	12 x 12 in	50 x 0.01 lb/25 x 0.005 kg/ 25,000 x 5 g/800 x 0.20 oz	28 lb	Consult
63059	12 x 12 in	100 x 0.02 lb/50 x 0.01 kg/ 50,000 x 10 g/1,600 x 0.50 oz	28 lb	Consult
<b>IQ plus 2100 with 18 in column - 115 VAC</b>				
72476	12 x 18 in	50 x 0.01 lb/25 x 0.005 kg/ 25,000 x 5 g/800 x 0.02 oz	37 lb	Consult
72477	12 x 18 in	100 x 0.02 lb/50 x 0.01 kg/ 50,000 x 10 g/1,600 x 0.50 oz	37 lb	Consult
72478	18 x 18 in	50 x 0.01 lb/25 x 0.005 kg/ 25,000 x 5 g/800 x 0.02 oz	68 lb	Consult
72479	18 x 18 in	150 x 0.05 lb/75 x 0.02 kg/ 75,000 x 20 g/2,400 x 0.50 oz	68 lb	Consult
72480	18 x 18 in	300 x 0.1 lb/150 x 0.05 kg/ 150,000 x 50 g/4,800 x 1 oz	68 lb	Consult
72481	18 x 18 in	500 x 0.1 lb/250 x 0.05 kg/ 250,000 x 50 g/8,000 x 2 oz	68 lb	Consult
72482	18 x 24 in	50 x 0.01 lb/25 x 0.005 kg/ 25,000 x 5 g/800 x 0.02 oz	78 lb	Consult
72483	18 x 24 in	150 x 0.05 lb/75 x 0.02 kg/ 75,000 x 20 g/2,400 x 0.50 oz	78 lb	Consult
72484	18 x 24 in	300 x 0.1 lb/150 x 0.05 kg/ 150,000 x 50 g/4,800 x 1 oz	78 lb	Consult
72485	18 x 24 in	500 x 0.1 lb/250 x 0.05 kg/ 250,000 x 50 g/8,000 x 2 oz	78 lb	Consult
72486	18 x 24 in	1000 x 0.2 lb/500 x 0.1 kg/ 500,000 x 100 g/16,000 x 5 oz	78 lb	Consult
72487	24 x 24 in	150 x 0.05 lb/75 x 0.02 kg/ 75,000 x 20 g/2,400 x 0.50 oz	84 lb	Consult
72488	24 x 24 in	300 x 0.1 lb/150 x 0.05 kg/ 150,000 x 50 g/4,800 x 1 oz	84 lb	Consult
72489	24 x 24 in	500 x 0.1 lb/250 x 0.05 kg/ 250,000 x 50 g/8,000 x 2 oz	84 lb	Consult
72490	24 x 24 in	1000 x 0.2 lb/500 x 0.1 kg/ 500,000 x 100 g/16,000 x 5 oz	84 lb	Consult

## OPTIONS/ACCESSORIES

PART #	DESCRIPTION	PRICE
53001	304 stainless steel clamshell for added load cell protection	Consult
64123	Remote switch for zero, units, and print (non-washdown)	Consult
N/A	Stainless steel load cell (replacing standard aluminum load cell on 10x10 or 12x12 bases only)	Consult
N/A***	18 in column replacing standard 12 in column	Consult
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 in x 12 in