

IQ Plus® 2100SL

Digital Bench Scale



IQ plus 2100SL with attachment bracket

IQ plus 2100 with column

IQ plus 2100 with tilt stand

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
- Spring-loaded platform
- Compliant with USDA guidelines

Approvals



Measurement
Canada
Approved

Specifications

Line Voltages:

115 or 230 VAC

Frequency:

50 or 60 Hz

Power Consumption:

70 mA at 115 VAC (8 W)

35 mA at 230 VAC (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:

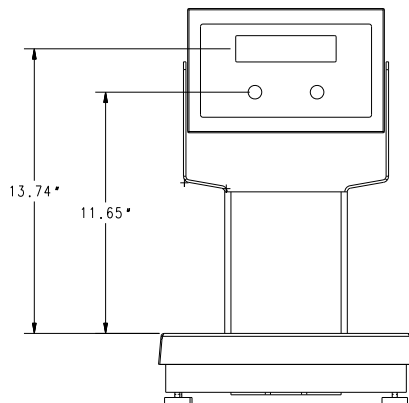
NTEP CC 00-045 Class III/IIIL 10,000 d
Measurement Canada, AM-5374;
UL and C-UL listed

Base:

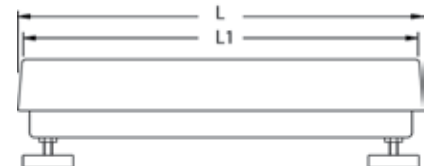
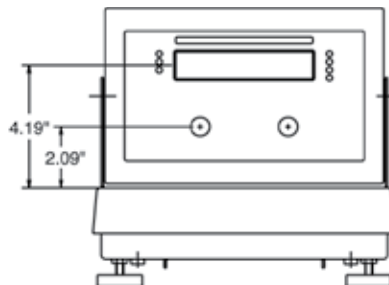
NTEP CC 95-072, Class III 5,000 d

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



Part Number/Price

Part #	Platform Size*	Capacity	Est. Weight	Price
IQ plus 2100SL with tilt stand - 115 VAC				
65168	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)	21 lb	Consult
65169	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)	21 lb	Consult
65170	10 x 10 in	20 lb x 0.005 lb (10 kg x 0.002 kg) (10,000 g x 2 g) (320 oz x 0.1 oz)	21 lb	Consult
65171	10 x 10 in	30 lb x 0.01 lb (15 kg x 0.005 kg) (15,000 g x 5 g) (480 oz x 0.1 oz)	21 lb	Consult
65172	12 x 12 in	30 lb x 0.01 lb (15 kg x 0.005 kg) (15,000 g x 5 g) (480 oz x 0.1 oz)	24 lb	Consult
65173	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)	24 lb	Consult
65174	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)	24 lb	Consult
IQ plus 2100SL with attachment bracket - 115 VAC				
65175	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)	21 lb	Consult
65176	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)	21 lb	Consult
65177	10 x 10 in	20 lb x 0.005 lb (10 kg x 0.002 kg) (10,000 g x 2 g) (320 oz x 0.1 oz)	21 lb	Consult
65178	10 x 10 in	30 lb x 0.01 lb (15 kg x 0.005 kg) (15,000 g x 5 g) (480 oz x 0.1 oz)	21 lb	Consult
65179	12 x 12 in	30 lb x 0.01 lb (15 kg x 0.005 kg) (15,000 g x 5 g) (480 oz x 0.1 oz)	24 lb	Consult
65180	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)	24 lb	Consult
65181	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)	24 lb	Consult
IQ plus 2100SL with 12 in column - 115 VAC				
65182	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
65183	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
65184	10 x 10 in	20 lb x 0.005 lb (10 kg x 0.002 kg) (10,000 g x 2 g) (320 oz x 0.1 oz)	23 lb	Consult
65185	10 x 10 in	30 lb x 0.01 lb (15 kg x 0.005 kg) (15,000 g x 5 g) (480 oz x 0.1 oz)	23 lb	Consult
65186	12 x 12 in	30 lb x 0.01 lb (15 kg x 0.005 kg) (15,000 g x 5 g) (480 oz x 0.1 oz)	26 lb	Consult
65187	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
65188	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

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)	+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