

## 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

### Approvals



Measurement  
Canada  
Approved



Meets USDA  
Requirements

### 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, non-tactile feel, piezo zero and units buttons
- Displays units in decimal lb, kg, oz, g (lb & oz-not legal-for-trade) and grams
- Prevent™ breather vent

### 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; seven or eight data bits; even, odd, or no parity

#### DISPLAY:

Six-digit Light Emitting Diode (LED) display, seven-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:

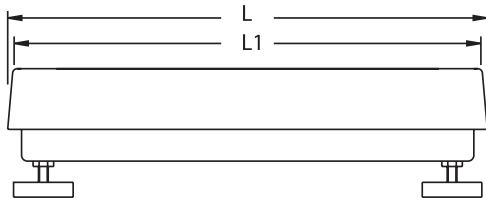
NEMA 4X/IP66, stainless steel

#### APPROVALS:

Indicator: NTEP-certified per H-44, Class IIIIL 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:

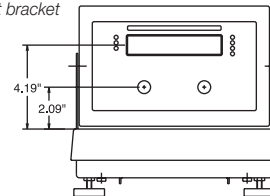
Two-year limited warranty



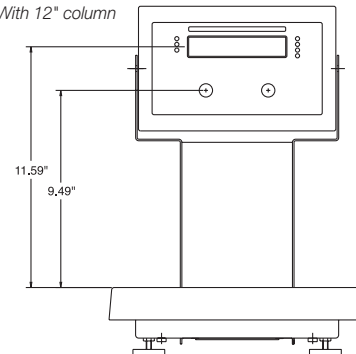
| Platform Dimensions             | L                 | L1             |
|---------------------------------|-------------------|----------------|
| 10" x 10" (254 mm x 254 mm)     | 10.25" (260.4 mm) | 10" (254 mm)   |
| 12" x 12" (304.8 mm x 304.8 mm) | 12.25" (311.2 mm) | 12" (304.8 mm) |

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



# IQ plus® 2100

Checkweighers

| 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"                                                                                      | 5 x 0.001 lb, 2.5 x 0.0005 kg/ 2,500 x 0.5 g/80 x 0.02 oz | 23 lb            | \$960.00                |
| 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            | 960.00                  |
| 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            | 960.00                  |
| 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            | 1,065.00                |
| 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            | 1,065.00                |
| <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            | 990.00                  |
| 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            | 990.00                  |
| 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            | 990.00                  |
| 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            | 1,100.00                |
| 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            | 1,100.00                |
| <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            | 1,060.00                |
| 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            | 1,060.00                |
| 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            | 1,060.00                |
| 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            | 1,170.00                |
| 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            | 1,170.00                |
| <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            | 1,065.00                |
| 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            | 1,065.00                |
| 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            | 1,065.00                |
| 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            | 1,170.00                |
| 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            | 1,170.00                |
| <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    | 37 lb            | 1,550.00                |
| 72477                                                 | 12" x 18"                                                                                      | 100 x 0.02 lb/50 x 0.01 kg/ 50,000 x 10 g/1,600 x 0.50 oz | 37 lb            | 1,550.00                |
| 72478                                                 | 18" x 18"                                                                                      | 50 x 0.01 lb/25 x 0.005 kg/ 25,000 x 5 g/800 x 0.02 oz    | 68 lb            | 2,105.00                |
| 72479                                                 | 18" x 18"                                                                                      | 150 x 0.05 lb/75 x 0.02 kg/ 75,000 x 20 g/2,400 x 0.50 oz | 68 lb            | 2,105.00                |
| 72480                                                 | 18" x 18"                                                                                      | 300 x 0.1 lb/150 x 0.05 kg/ 150,000 x 50 g/4,800 x 1 oz   | 68 lb            | 2,105.00                |
| 72481                                                 | 18" x 18"                                                                                      | 500 x 0.1 lb/250 x 0.05 kg/ 250,000 x 50 g/8,000 x 2 oz   | 68 lb            | 2,105.00                |
| 72482                                                 | 18" x 24"                                                                                      | 50 x 0.01 lb/25 x 0.005 kg/ 25,000 x 5 g/800 x 0.02 oz    | 78 lb            | 2,320.00                |
| 72483                                                 | 18" x 24"                                                                                      | 150 x 0.05 lb/75 x 0.02 kg/ 75,000 x 20 g/2,400 x 0.50 oz | 78 lb            | 2,320.00                |
| 72484                                                 | 18" x 24"                                                                                      | 300 x 0.1 lb/150 x 0.05 kg/ 150,000 x 50 g/4,800 x 1 oz   | 78 lb            | 2,320.00                |
| 72485                                                 | 18" x 24"                                                                                      | 500 x 0.1 lb/250 x 0.05 kg/ 250,000 x 50 g/8,000 x 2 oz   | 78 lb            | 2,320.00                |
| 72486                                                 | 18" x 24"                                                                                      | 1000 x 0.2 lb/500 x 0.1 kg/ 500,000 x 100 g/16,000 x 5 oz | 78 lb            | 2,320.00                |
| 72487                                                 | 24" x 24"                                                                                      | 150 x 0.05 lb/75 x 0.02 kg/ 75,000 x 20 g/2,400 x 0.50 oz | 84 lb            | 2,435.00                |
| 72488                                                 | 24" x 24"                                                                                      | 300 x 0.1 lb/150 x 0.05 kg/ 150,000 x 50 g/4,800 x 1 oz   | 84 lb            | 2,435.00                |
| 72489                                                 | 24" x 24"                                                                                      | 500 x 0.1 lb/250 x 0.05 kg/ 250,000 x 50 g/8,000 x 2 oz   | 84 lb            | 2,435.00                |
| 72490                                                 | 24" x 24"                                                                                      | 1000 x 0.2 lb/500 x 0.1 kg/ 500,000 x 100 g/16,000 x 5 oz | 84 lb            | 2,435.00                |
| <b>Options/Accessories</b>                            |                                                                                                |                                                           |                  |                         |
| 53001                                                 | 304 stainless steel clamshell for added load cell protection                                   |                                                           |                  | 75.00                   |
| 64123                                                 | Remote switch for zero, units, and print (non-washdown)                                        |                                                           |                  | 75.00                   |
| N/A                                                   | Print button mounted on the top of the enclosure (not field installable)                       |                                                           |                  | 70.00                   |
| N/A†                                                  | Two tactile buttons (in place of non-tactile buttons)                                          |                                                           |                  | +15.00 list price adder |
| N/A                                                   | Stainless steel load cell (replacing standard aluminum load cell on 10x10 or 12x12 bases only) |                                                           |                  | +85.00 list price adder |
| N/A***†                                               | 18" column replacing standard 12" column                                                       |                                                           |                  | +50.00 list price adder |
| 53415                                                 | Additional operation manual                                                                    |                                                           |                  | 30.00                   |

\* 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