

# IQ 2100

P L U S

DIGITAL  
BENCH SCALE



**RICE LAKE**<sup>®</sup>  
WEIGHING SYSTEMS

To be the best by every measure<sup>®</sup>

### The IQ plus® 2100... Unmatched Features and Value.

The 2100 is ideal for use in general purpose weighing, portioning, and a variety of food processing applications. Stainless steel buttons repel messy ingredient spills and damage by knife point, while the NEMA 4X stainless steel indicator enclosure stands up to frequent washdown. Standard overload stops protect the base during heavy use.

All operations are controlled through two buttons—zero and units. Push-button zero and a full range of units, including lb/oz, offer the flexibility needed for a wide variety of applications.



Attachment bracket is standard for quick, easy portability of both the platform and indicator.

Also available with a tilt stand for table, wall, or under-counter indicator mounting where space is limited.



#### Standard Features

- NEMA 4X/IP66, 304 stainless steel enclosure
- Large, bold 0.8" Light Emitting Diode (LED) display
- Annunciators: lb, kg, oz, g, negative, motion, center of zero
- One full duplex RS-232 port
- 12" or 18" column, base attachment bracket, or tilt stand for table/wall/under-counter mounting
- 115 VAC operation, 230 VAC available
- Aluminum, single point load cell
- Overload stops on scale base
- Stainless steel, non-tactile feel, zero and units buttons
- Displays units in decimal, lb, kg, oz, lb & oz, and grams
- Automatic print to external printer



Offering the unique capability to read lb and oz simultaneously, the 2100 lends itself to portioning and ingredient weighing. The two-button keypad and vibrant display that is visible from all angles make operation so easy that users are sure to lock in the most accurate weighments.

#### Options/Accessories

- Stainless steel load cell
- Quick connect cables
- Remote switch

#### Capacities/Dimensions

| Capacity   | Platform Dimensions           | Shipping Wt.   |
|--|-------------------------------|----------------|
| <b>IQ plus® 2100 with attachment bracket or tilt stand</b> |                               |                |
| 50-100 lb (25-50 kg)                                       | 12" X 12" (304.8mm X 304.8mm) | 26 lb (12 kg)  |
| 5-25 lb (2.5-10 kg)  | 10" X 10" (254.8mm X 254.8mm) | 23 lb (10 kg)  |
| <b>IQ plus® 2100 with 12" (304.8mm) column</b>             |                               |                |
| 50-100 lb (25-50 kg)                                       | 12" X 12" (304.8mm X 304.8mm) | 28 lb (13 kg)  |
| 5-25 lb (2.5-10 kg)  | 10" X 10" (254.8mm X 254.8mm) | 25 lb (11 kg)  |
| <b>IQ plus® 2100 with 18" (457.2mm) column</b>             |                               |                |
| 50-100 lb (25-50 kg)                                       | 12" X 18" (304.8mm X 457.2mm) | 40 lb (18 kg)  |
| 50-500 lb (25-250 kg)                                      | 18" X 18" (457.2mm X 457.2mm) | 65 lb (29 kg)  |
| 50-1000 lb (25-500 kg)                                     | 18" X 24" (457.2mm X 609.6mm) | 85 lb (39 kg)  |
| 150-1000 lb (75-500 kg)                                    | 24" X 24" (609.6mm X 609.6mm) | 105 lb (47 kg) |

#### Specifications

|                               |  |
|-------------------------------|--|
| <b>Display:</b>               | 6-digit Light Emitting Diode (LED) display<br>7-segment, 0.8" (20mm) digits                  |
| <b>Power Consumption:</b>     | 115 VAC @ 70 mA, or 230 VAC @ 35 mA, 50-60 Hz  |
| <b>Digital Inputs:</b>        | Two inputs, TTL or switch closure, active-low  |
| <b>Serial Communications:</b> | Full duplex RS-232, 9600, 4800, 2400, 1200 bps;<br>7 or 8 data bits, even, odd, or no parity |
| <b>Operating Temperature:</b> | 14F to 104F (-10°C to 40°C)  |
| <b>Storage Temperature:</b>   | 14F to 122F (-10°C to 50°C)  |
| <b>Enclosure Dimensions:</b>  | 9.5" x 6.0" x 2.75" (241mm x 152mm x 70mm)   |
| <b>Rating Material:</b>       | NEMA 4X/IP66, stainless steel  |
| <b>Warranty:</b>              | Two year limited warranty  |

#### Approvals

|                     |   |
|---------------------|---|
| <b>Indicator:</b>   | NTEP Certified per H-44 at 10,000 divisions, Class III/IIII |
| <b>Bench Scale:</b> | NTEP Certified per H-44 at 5,000 divisions, Class III       |



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