

## **MODEL 2314-WS**

### LOW PROFILE JUNCTION BOXES

#### **FEATURES**

- Liquid tight strain relief cable fittings
- Accepts cables from 26 to 14 AWG
- Up to 4 load cell inputs with individual load cell trim pots
- 20 feet (6.1 meters) of 6-conductor output cable provided
- Remote sensing capability for cable lengths greater than 25 feet (7.6 meters)
- NEMA 4X stainless steel enclosure



# MODEL 2314-WS Performance Specifications

## SPECIFICATIONS

**Weight** ..... 1.7 lbs. (0.77 kgs)

**Adjustment Span**

Approximately 3.0% of Output .... 350 ohm cells  
 Approximately 6.0% of Output .... 700 ohm cells

**Strain Relief**

Acceptable Cable Diameters ..... 26 to 14 AWG

**Weighmeter Cable** ..... 20 feet (6.1 meters)  
 6-conductor output cable provided.

**Dimensions** ..... 7-3/4" x 5-1/4" x 1-5/8"

**Cell Configurations** ..... One, two, three, or four strain gage load cells with impedances from 250Ω to 1000Ω. Trim range of 3% on 350Ω cells and 6% on 700Ω cells.

**Wire Connections** ..... Nylon screw terminal connectors. Accepts wiring up to #12 A.W.G. High quality cage clamps which release wires cleanly without pulling the internal connector loose. No soldering required.

**Trimming Method** ..... Signal trimming with 20 Turn cermet potentiometers with a temperature coefficient of <50 ppm/°C internally limited with 7.5KΩ resistors.

**Cable Sizes** ..... Nylon strain relief cable fittings. Four 3/8" NPT fittings for individual cell wiring for cables 0.187" - 0.312 diameter. One 1/2" NPT fitting for wiring suitable for cable diameters 0.270" - 0.480".

**Shunt Calibration** ..... 49.9KΩ shunt calibration resistor with Program/Run shunt on board. Stability ±10 ppm/°C. Other value available on request.

