

# Instrumentation/Process Control

## DIGI DI®-300SS

Digital Weight Indicator



### STANDARD FEATURES

- NEMA 4X/IP67 stainless steel construction
- Universal enclosure with tilt stand
- Large 1in (25mm) six digit LED display
- 15 segment bargraph for under accept, over
- Hard coated soft touch inductive keys
- RS232 with handshaking IRS/CTS
- Five setpoints and five digital inputs
- Setpoints are latched with selectable on and off times
- Function keys for setpoints, counting, lot entry
- 100 product memory (PLU)
- Accumulators with addition/subtraction
- Peak hold
- Time and date

### SPECIFICATIONS

**INTERNAL RESOLUTION:**

1,000,000 counts

**DISPLAY RESOLUTION:**

40,000 counts

**DISPLAY DIVISION:**

1,2,5,10,20,50

**INDICATOR MARKS:**

Net, CO<sub>2</sub> motion, setup, and 2 setup determined

**INPUT SENSITIVITY:**

0.4 - 2.25 mV/V

**ZERO ADJUST RANGE:**

50% full scale

**A/D CONVERSION RATE:**

Selectable to 60 Hz

**NON LINEARITY:**

0.01% full scale

**EXCITATION VOLTAGE:**

5VDC, 230mA (8 x 350Ω load cells)

**POWER:**

115/230VAC, 50/60Hz

**OPERATION TEMPERATURE:**

14 to 104°F (-10 to 40°C)

**OPERATING HUMIDITY:**

85% non-condensing

**DIMENSIONS:**

(250 x 150 x 65 mm)

**EST. SHIP WEIGHT:**

10lb (5kg)

**WARRANTY:**

Two-year limited warranty

## DIGI DI®-28BR

Digital Weight Indicator



### STANDARD FEATURES

- Large 1in (25.4mm) six-digit Liquid Crystal Display (LCD)
- Four setpoint outputs
- 1/60,000 internal resolution
- 1/1000 to 1/10,000 display resolution
- Push button and digital tare entry
- Selectable weight units (lb, kg, or g)
- AC adapter for 115VAC power
- Battery\*-saving auto power off function (selectable settings: 0-15 minutes in 1 minute increments)
- Low-battery warning indicator
- Full duplex RS-232 PC interface with handshaking
- \*Batteries not included

### SPECIFICATIONS

**INPUT SENSITIVITY:**

0.6mV/V to 4mV/V (16 steps)

**ZERO ADJUST RANGE:**

± 100% FS

**A/D CONVERSION RATE:**

20 times per second

**TEMPERATURE CO-EFFICIENT:**

Zero: ±0.2µV ± 10ppm of zero voltage/°C TYP

Span: ±10ppm/°C TYP

**NON LINEARITY:**

0.008% of F.S. or less

**NUMBER OF LOAD CELLS:**

Maximum four load cells (350Ω)

**DISPLAY:**

Six-digit

**DISPLAY DIVISION:**

1, 2, and 5

**DECIMAL POINT LOCATION:**

Three positions and no decimal 0000 through 00000

**INDICATOR MARKS:**

ZERO, Net, and Low Voltage

**EXCITATION VOLTAGE:**

+5VDC

**POWER SOURCE:**

12VDC provided by AC adapter or six "C" cell batteries\* (alkaline or rechargeable batteries)

\*Batteries not included

**POWER CONSUMPTION:****OPERATING TEMPERATURE:**

14°F to 104°F (-10°C to 40°C)

**DIMENSIONS:**

7.9in W x 8.1in H x 2.4in D  
(200mm W x 205mm H x 60mm D)

**EST. SHIP WEIGHT:**

4lb (2kg)

**WARRANTY:**

Two-year limited warranty