

DIGI DI®-300SS

Digital Weight Indicator



STANDARD FEATURES

- NEMA 4X/IP67 stainless steel construction
- Universal enclosure with tilt stand
- Large 1 in (25mm) six digit LED (green)
- 15 segment bargraph for under, accept, over
- Hard coated soft touch inductive keys
- RS232 with handshaking RTS/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, COZ, 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:

10 lb (5 kg)

WARRANTY:

Two-year limited warranty

DIGI DI®-28BR

Digital Weight Indicator



STANDARD FEATURES

- Large 1 in (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:

100mA (0.3W)

OPERATING TEMPERATURE:

14°F to 104°F (-10°C to 40°C)

DIMENSIONS:

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

EST. SHIP WEIGHT:

4 lb (2 kg)

WARRANTY:

Two-year limited warranty

DI-300SS

PART #	DESCRIPTION	EST. SHIP WEIGHT
103640.....	DI-300SS with RS232 & setpoints, 115VAC/230VAC	
103641.....	DI-300SS with Ethernet TCP/IP, 115VAC/230VAC	

OPTIONS/ACCESSORIES

103642.....	Ethernet RS232 board (TWB-10741)	
103643.....	Ethernet cable (TCW-0722) with external RJ 45 connector	
74414.....	Load cable (TCW-0730).....	
32375.....	14-pin load cell connector, amphenol.....	
103643.....	Additional operation manual.....	

DI-28BR

PART #	DESCRIPTION	EST. SHIP WEIGHT
74027.....	DI-28BR digital weight indicator	4 lb

OPTIONS/ACCESSORIES

73624.....	Pole mount adapter plate.....	
74620.....	Six "C" cell alkaline batteries*	
74414.....	Load cell quick disconnect cable (14-contact socket Amphenol)	
32375.....	14-pin load cell connector, Amphenol	
73711.....	8-pin DIN (RS-232 connector).....	
32790.....	8-pin mini DIN (setpoint connector).....	
73356.....	Additional operation manual.....	

*Batteries not included