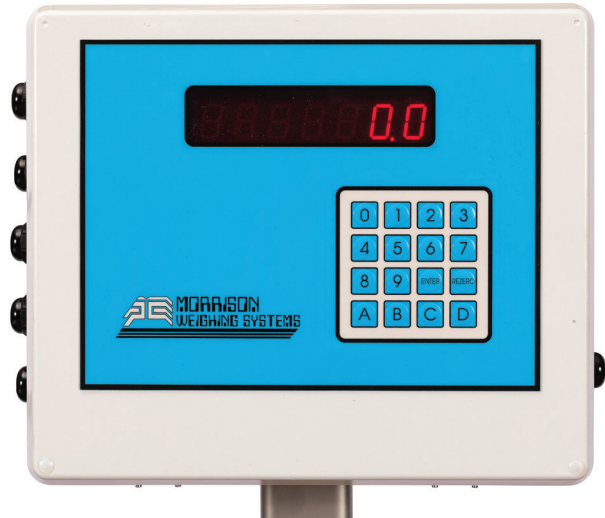


Description

The DC-100 is an NTEP approved indicator and control box. Rugged and easy to use, the DC-100 is custom programmable to the specific needs of each user. High-brightness LEDs, heavy-duty membrane keypad, and fiberglass reinforced polyester enclosure make the DC-100 ideal for harsh production environments.

Applications

- Weight Indicator
- Box labeling system
- Checkweighing system
- Custom control application



Features

- NTEP approved as a legal for trade scale indicator and control box
- Sophisticated load cell signal filtering for more accurate weight calculations
- Customizable functionality allows for a user interface designed specifically to the application
- Convenient box latches and water tight seal for washdown protection
- Bright 7 segment LEDs clearly and reliably display information
- RS232, RS422, 20mA, and ethernet conversion communication busses allow for communication with peripherals and PCs

Electrical Specification

Line voltage	115VAC
Power Consumption	1.5A Max at 115VAC
Circuit Protection	EMI Protection

Physical Specification

Dimension (WxHxD)	13.32" x 11.32" x 5.6"
Weight	11.3lbs
Enclosure Material	Fiberglass-Reinforced Polyester (FRP)
Enclosure Rating	NEMA 4x/IP66

Communications and I/O

Number of I/O	22
Communication Ports	2 Ports, RS-232, RS-422, 20mA, or Ethernet

Weighing Specification

Excitation Voltage	+12VDC, up to 4 x 350 Ohm load cells
Signal Input Range	0 mV to +36 mV
Max Weight Display	9,999,999
System Linearity	+/- 0.01% to 10KHz +/- 0.03% to 30KHz

User Interface

Display	5.2" x 0.8"
Keypad	16-key membrane

Operating Conditions

Ideal Operating Temperature	14°F to 104°F (-10°C to 40°C)
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NTEP approved under NTEP certificate 90-157A1