

# 800 Series

## Digital Indicator



800S

- ◆ **Divisions**– NTEP approved for 10,000 Divisions.
- ◆ **Display Resolution**– Displays up to 50,000 Graduations.
- ◆ **Serial Port**– Full Duplex RS-232 Serial Port.
- ◆ **Loop Serial Port**– Simplex RS-232 / Passive 20mA Current Loop Serial Port.
- ◆ **Load Cells**– Drives up to eight 350Ω Load Cells.



## Features

- Enclosure**— Heavy duty ABS NEMA 12 enclosure. (800) Heavy duty stainless steel NEMA 4X enclosure. (800S)
- Power Supply**— Internal power supply.
- Keyboard**— Tare entry, ID entry.
- Memory**— Tare and APW Stored in nonvolatile memory.
- Print Format**— Gross/Net/Tare Print Ticket Mode has 6-digit ID number.
- Display**— Easy to read LED display.
- Piece Count Mode**
- Custom Unit**
- Time / Date Standard**
- Digital Calibration**— Full front panel configuration.
- Stand**— Heavy duty swivel mounting stand.

## Specifications

- Load Cell Excitation**— +10 VDC
- Load Cell Current**— Drives up to eight 350Ω load cells.
- Analog Signal Input Range**— 0.2 mV/V min to 3.0 mV/V max.
- Analog Sensitivity**— 0.4 V/grad, minimum  
1.0 μV/grad recommended  
minimum for legal-for-trade.
- A/D Conversion Rate**— Up to 25 meas/sec.
- CE Electromagnetic Compatibility**— Directive No. 89/336/EEC, EN50082-1, EN61000-4, EN55011.
- Current Consumption**— 200mA + 30mA per 350Ω load cell.
- A/D Resolution**— Up to 300,000 internal counts at 3 mV/V.
- Display**— 1.0", 6-digit LED, Green.
- Display Resolution**— Up to 50,000 external grads, selectable.
- Key Functions**— Zero, Net/Gross, Tare, Units, Sample, APW, Dec. Pt., CL, 0-9.
- Annunciators**— Zero, Tare, Gross, Tare, Net, LB, KG, Stable, Pieces.

## Specifications

- Serial Output**— Full duplex RS-232C  
Simplex RS-232C  
Simplex 20mA Current Loop, Passive.
- Power (Standard)**— 110/220 VAC, 50/60 Hz
- Power (Optional)**— 12 VDC
- Operating Temperature**— 14°F to 104°F  
(-10°C to 40°C)
- Certifications**— COC #00-064A1



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