Weight Indicator-Delta 6

**Product Description**
The Delta 6 is an economical general purpose weighing indicator for platform scales and other industrial applications. Two serial ports, RS-232 and current loop, provide simultaneously PC and printer interface capability. Ticket formats may be edited and downloaded with programmable ticket numbering, date, and time. Load cells are connected using a quick disconnect plug, allowing simple installation and maintenance. The heavy duty ABS enclosure easily adjusts for desktop, wall (tilt), or post mounting.

**Basic Features**
- Economical general-purpose weighing indicator
- Large 6 digit LED display
- Two serial ports for simultaneous printer and PC connection
- Heavy duty ABS enclosure
- Sample rate up to 30 conversions per second
- OIML R-76 and NTEP approved to 10000d
- 3 level digital filtering
- Programmable ticket format up to 185 characters
- Consecutive transaction numbering

**Application**
- Shipping and receiving scales
- Floor scales
- Bench scales

**Options**
- UL power adaptor
- TUV power adapter
- UK power adapter
- High tilt stand
- Low tilt stand

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## Specifications

### DISPLAY - KEYBOARD

- **Display:** 6 digits, 7 segment, LED, 20.3mm
- **Status Enunciators:** no motion, zero, net, units (kg, g)
- **Weight Digits:** 4, 5, or 6 (set up selectable)
- **Keyboard:** 5 key membrane keyboard, with tactile feedback

### PERFORMANCE

- **Resolution:** 10000 or 100000 dd selectable
- **Conversion Speed:** 3, 7, 15, or 30 samples (selectable)
- **Sensitivity:** 1.0 μV/Vsi for approved scales, 0.5 μV/Vsi for non-approved scales
- **Full Scale Range:** 3mV/V
- **Linearity:** 0.01% of full scale
- **Long Term Stability:** 0.005% if full scale per year
- **Excitation:** +5VDC with sense (6 wires)
- **Number of Cells:** Up to 8,350 ohm load cells
- **Filter:** digital filter - 3 stages
- **Offset Drift:** 3.5ppm/°C
- **Span Drift:** 3.5ppm/°C
- **A/D Converter Type:** Sigma-Delta ratiometric
- **Count By:** x1, x2, x5, x10, x50
- **Decimal Point:** between any digits of the weight display
- **Calibration Methods:** dead load and span, store in EEPROM
- **Weighing Functions:** automatic zero tracking, motion detection, auto-zero on power-up, zero, tare, gross/net, print, units conversion

### ELECTRICAL

- **Voltage:** 9VDC or
- **Power:** 115 or 230 VAC using power adapter

### SERIAL COMMUNICATION

- **Serial Output #1:** RS-232
- **Baud rate:** 1200 - 38400 baud, full duplex
- **Applications:** continuous or printer output, PC interface
- **Serial Output #2:** 20mA current loop - output only
- **Baud Rate:** 1200-9600 baud
- **Applications:** printer port

### ENCLOSURE

- **Heavy Gage ABS:**
  - **Dimensions:** 1863x103x95mm LxHxD
    - (73.2x4.05x3.74in. LxHxD)
  - **Mounting:** desktop, wall and tilt mount

### ENVIRONMENTAL CONDITIONS / CONSTRUCTION

- **Operating Temp:** -10°C to +40°C [14°F to 104°F]
- **Storage Temp:** -10°C to +70°C [14°F to 158°F]
- **Relative Humidity:** 40-90%RH, non-condensing

### APPROVALS (ACCURACY CLASS)

- **OIML R-76:** 10000d EU-type approval
- **NTEP:** no. T6877