



## 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



## 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 $\mu\text{V}/\text{Vsi}$ for approved scales, 0.5 $\mu\text{V}/\text{Vsi}$ 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/ $^{\circ}\text{C}$
Span Drift:	3.5ppm/ $^{\circ}\text{C}$
A/D Converter Type:	Sigma-Delta ratiometric
Count By:	x1, x2, x5, x10, x50
Decimal Point:	between any digits of th weight display
Calibration Methods:	dead load and span, store in EEPROM automatic zero tracking, motion detection,auto-zero on power-up, zero, tare, gross/net, print,units conversion
Weighing Fuctions:	

### 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 duple
Applications:	continuous or printer output,PC interface
Serial Output #2:	20mAcurrent loop-output only
Baud Rate:	1200-9600 baud
Applications:	printer port

### ENCLOSURE

Heavy Gage ABS:	
Dimensions:	1863x103x95mm LxHxD [7,32x4,05x3,74in. LxHxD
Mounting:	desktop,wall and tilt mount

### ENVIRONMENTAL CONDITIONS / CONSTRUCTION

Operating Temp:	-10 $^{\circ}\text{C}$ to +40 $^{\circ}\text{C}$ [14 $^{\circ}\text{F}$ to 104 $^{\circ}\text{F}$ ]
Storage Temp:	-10 $^{\circ}\text{C}$ to +70 $^{\circ}\text{C}$ -4 $^{\circ}\text{F}$ to 158 $^{\circ}\text{F}$ ]
Reative Humidity:	40-90%RH, non-condensing

### APPROVALS (ACCURACY CLASS

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