

### Weight Indicator



#### FEATURES

- Economical general-purpose weighing indicator
- Large 6 digit LED display
- Serial port for printer and EDP/PC connection
- Heavy duty industrial plastic enclosure
- Sample rate up to 30 conversions per second
- 3 level digital filtering
- Consecutive transaction numbering (optional)
- Programmable ticket format up to 100 characters

#### NOT AVAILABLE IN THE FOLLOWING REGIONS:

North America, Central America, South America

#### DESCRIPTION

The VT 50 is an economical general purpose weighing indicator for platform scales and other industrial applications.

Serial RS-232 port provides interface to a PC/EDP or a printer, depending on the protocol selected. Ticket format can be edited and downloaded with programmable ticket numbers.

The heavy duty ABS enclosure is designed for desktop installation, yet easily adjusted for wall (tilt) or post mounting.

#### APPLICATIONS

- Shipping and receiving scales
- Floor Scales
- Bench scales

#### CONFIGURATION



#### OPTIONS

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

## Weight Indicator

### SPECIFICATIONS

#### PERFORMANCE

Resolution:	10000 or 50000 dd (selectable)
Conversion Speed:	3, 7, 15, or 30 samples (selectable)
Sensitivity:	0.5 $\mu$ V/e (non-approved)
Full scale range:	3mV/V
Linearity:	0.01% of full scale
Excitation:	+5VDC with sense (6 wires)
Number of Cells:	Up to 4, 350 ohm load cells
Filter:	digital filter - 3 stages
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 115 or 230VAC using power adapter
Power:	8W

#### SERIAL COMMUNICATION

Serial Output:	RS-232
Baud Rate:	300 - 9600 baud, full duplex
Applications:	printer output, or PC/EDP interface

#### ENCLOSURE

Heavy duty industrial plastic enclosure	
Dimensions:	186.3x103x95mm LxHxD (7.32x4.05x3.74in. LxHxD)
Mounting:	desktop standard optional wall (tilt) and post mount

#### ENVIRONMENTAL

Operating Temp:	-10°C to +40°C (14°F to 104°F)
Storage Temp:	-10°C to +70°C (-4°F to 158°F)
Relative Humidity:	40-90% RH, non condensing

Transducers is continually seeking to improve product quality and performance. Specifications may change accordingly.

#### DISPLAY AND KEYBOARD

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

## Disclaimer

All product specifications and data are subject to change without notice.

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