



**DC voltmeter with a full complement of easy-to-use features makes it a best value**

The SimTach A breaks new ground for industrial panel meters. It combines high performance and wide range operation with convenient, switch selectable features such as decimal point position, display update rate and input range selection, making installation and configuration amazingly simple. Its unique "off line" Digital Calibrator option allows the input scale factor to be calculated and set on the BCD switches while the unit is being installed. It is no longer necessary to obtain a precise process speed measurement with another device and "twiddle" potentiometers until the correct readout is obtained.

- Large, bright 0.56" high red LED display
- Full  $\pm 4\text{-}1/2$  digit display
- Selectable input voltage range
- Sealed NEMA 4 front panel
- Programmable decimal point position
- Switchable fast or slow display update rate

The SimTach A DC Volts Panel Meter is a perfect indicator for a variety of applications: speed setting potentiometers and analog output instrumentation; DC tachometer feedback; field or armature voltage to DC motors.

## SPECIFICATIONS

**Panel Mounting:** 1.78" x 3.56" cutout; 5.68" depth

**Accuracy:**  $\pm .0.1\%$ ; stability:  $\leq 75$  ppm per  $^{\circ}\text{C}$

**Input Ranges:** 0 to  $\pm 20$ , 0 to  $\pm 200$ , or 0 to  $\pm 600$  VDC selectable

**Display:**  $\pm 4\text{-}1/2$  digit, 0.56" LED; update rate selectable 1/2 second or 2 seconds

**Decimal Points:** None, .X, .XX, .XXX, or .XXXX

**Calibration:** Multi-turn potentiometer range: 5 to 200%; optional digital calibrator (STAx1 models): 3 digit BCD multiplier 0.XXX range: 0.001 to 0.999 (0.000 setting equals 1.000)

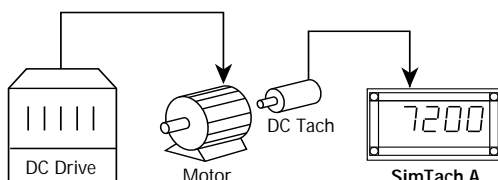
**Power Requirements:** 95 to 130, or 190 to 260 VAC, 50/60 Hz, 6 VA

**Operating Temperature:**  $32^{\circ}$  to  $+122^{\circ}\text{F}$  ( $0^{\circ}$  to  $+50^{\circ}\text{C}$ )

Model No.	Description
STA00	115 VAC, DC Volts Panel Meter
STAE0	230 VAC, DC Volts Panel Meter
STAS0	115 or 230 VAC, DC Volts Panel Meter
STA01	115 VAC, DC Volts Panel Meter with Digital Calibration
STAE1	230 VAC, DC Volts Panel Meter with Digital Calibration
STAS1	115 or 230 VAC, DC Volts Panel Meter with Digital Calibration

### Typical Applications:

Actual Speed Indicator  
Using DC Tach Feedback



### Dimensions:

