

Ranger 3

Standard Features:

- ABS plastic case, weighs less than 1 lb
- Fixed rotary switch, -0.5 mV/V to 4.5 mV/V in 9 steps of 0.5 mV/V per step
- Ideal tool for calibrating the indicator A-D offset and gain setting
- A-D calibration steps for -0.5 mV/V for offset and 4.5 mV/V for gain
- Used in testing, troubleshooting and digital weight indicators
- Binding posts are color coded to ISA S37.8 standard

Specifications:

Range:

-0.5 mV/V-4.5 mV/V, fixed

Impedance:

350 ohms nominal

Nonlinearity:

Less than 0.02%

Connectors:

Binding posts-suitable for banana plug or 14 gauge wire

Temperature Coefficient:

±5 ppm/°C

Dimensions:

(L x W H) 4.5 in x 3.5 in x 1.25 in (114.3 mm x 88.9 mm x 31.8 mm)

Warranty:

One-year limited warranty



Part Number/Price

PART #	DESCRIPTION	PRICE
68030	Ranger 3 simulator	Consult

Options/Accessories

PART #	DESCRIPTION	PRICE
21116	Cable with banana plugs	Consult

Transducer Simulator 4

Standard Features:

- Designed for high accuracy
- Sealed lid with neoprene O-ring
- Dustproof and crush tested to 500 lb
- Four operational modes including vernier adjustment, adjustment, 0.25 mV/V offset and 0.50 mV/V offset
- Ideal for setpoint or batching simulation

Specifications:

Range:

Choose any fixed setting ± 0.25 mV/V or 0.50 mV/V through a 10-turn wire-wound potentiometer with locking clutch, fixed and variable

Maximum Voltage:

15V

Linearity:

Less than ± 0.02% full scale

Temperature Coefficient:

Absolute 5 ppm/°C; Tracking less than 0.5 ppm/°C

Load Factors:

Simulates 1, 2, 3, 4 or 8 350-ohm load cells or 2, 4, 6, 8 or 16 700-ohm load cells

Offset:

+0.25 mV/V for use with digitally calibrated meters requiring positive dead load for calibration

Connectors:

Six-way binding posts, suitable for loose wires or banana plug

Warranty:

One-year limited warranty



Part Number/Price

PART #	DESCRIPTION	PRICE
22513	Transducer simulator 4	Consult

Options/Accessories

PART #	DESCRIPTION	PRICE
21116	Cable with banana plugs	Consult