

Ranger 5

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
- 10 turn vernier with locking graduated dial
- Vernier selection of 4 ranges: Off, Fine, Medium and Coarse
- Ideal tool for calibrating 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

Vernier:

Variable range: up to 0.5 mV/V, up to 1 mV/V, up to 1.5 mV/V

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:

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

Warranty:

One-year limited warranty



Part Number/Price

PART #	DESCRIPTION	PRICE
68031	Ranger 5 simulator	Consult

Options/Accessories

PART #	DESCRIPTION	PRICE
21116	Cable with banana plugs	Consult

Ranger 7

Standard Features:

- Designed for high resolution, used in high precision testing, troubleshooting and calibrating of digital weight indicators
- Switchable offset
- Painted die cast enclosure

Specifications:

Vernier:

Two ranges; one is equal to the sum of the 0.05 mV/V switch and the 0-0.5 mV/V switch. The other is the sum of the 0.5 mV/V, 0.1 mV/V and 0.01 mV/V switches

Load Impedance:

Three settings: X0.5= 700Ω, X1= 350Ω (one standard load cell), X4= 87.5Ω (four load cell platform)

Linearity:

± 0.01% + 1μV

Connectors:

Low thermal electronics, type 2758 precision gold plated binding posts standard banana jacks or 14 AWG wire

Temperature Coefficient:

5 ppm/°C

Zero Offset:

± 0.0005 mV/V

Output Range:

0-3 mV/V in 0.01 mV/V steps

LED Annunciators:

- EXC +
- EXC -
- Offset ON
- 0.5 mV/V
- 0.1 mV/V



Part Number/Price

PART #	DESCRIPTION	PRICE
157323	Ranger 7 high resolution calibration simulator	Consult

Options/Accessories

PART #	DESCRIPTION	PRICE
21116	Cable with banana plugs	Consult