

Ranger 5

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 ohm 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) 114,3 mm x 88,9 mm x 31,8 mm

Warranty:

One-year limited warranty



Standard Features:

- ABS plastic case, weighs less than 0,5 kg
- Fixed rotary switch, -0,5 mV/V to 4,5 mV/V in nine steps of 0,5 mV/V per step
- 10 turn vernier with locking graduated dial
- Vernier selection of four 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

Part Number/Price

Part #	Description	Price
68031	Ranger 5 simulator	Consult

Options/Accessories

Part #	Description	Price
21116	Cable with banana plugs	Consult

Ranger 7

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



Standard Features:

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

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