

THE

OHAUS RANGER™ SERIES

compact industrial high resolution bench scales



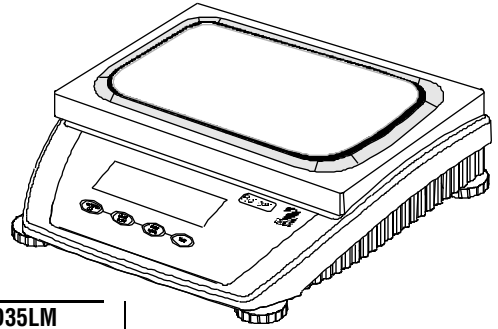
Extending the Ohaus Ranger™ series of industrial compact bench scales, the Ranger High Resolution models offer MFR (Magnetic Force Restoration) load cell technology in a cast aluminum housing. Using the same fast microprocessor as the Rangers, the MFR load cell ensures an external resolution up to 1:300,000 with readabilities to 0.01 grams / 0.00002 lbs. Available in three platform sizes and a full range of capacities, Ranger High Resolution meet the requirements for industrial applications demanding near-analytical precision. The High Resolution Ranger's simple menu operation and large backlit LCD display make it easy-to-use in demanding industrial environments.

- Three platforms and capacities from 3 kg to 35 kg / 6 lb. to 70 lb.
- Readabilities from 0.01g / 0.00002 lb to 0.1 g / 0.0002 lb
- Features g, kg, lb and oz weighing units
- RS232 data interface standard, with a second RS232 as factory option
- Manufactured under ISO 9001 guidelines
- NTEP Resolutions up to 1:35,000 (pending)



Ohaus Ranger™

Compact Industrial High Resolution Bench Scales



Standard Models	RD3RM	RD6RM	RD15LM	RD35LM
Default Capacity x Readability (lb)	6 x 0.00002	12 x 0.0002	30 x 0.0002	70 x 0.0002
Default Capacity x Readability (kg)	3 x 0.00001	6 x 0.0001	15 x 0.0001	35 x 0.0001
Default Capacity x Readability (g)	3,000 x 0.01	6,000 x 0.1	15,000 x 0.1	35,000 x 0.1
Default Capacity x Readability (oz)	60 x 0.0002	120 x 0.002	300 x 0.002	700 x 0.002
NTEP Capacity x Readability (lb)	6 x 0.0002	12 x 0.002	30 x 0.002	70 x 0.002
NTEP Capacity x Readability (kg)	3 x 0.0000[1]	6 x 0.000[1]	15 x 0.000[1]	35 x 0.000[1]
NTEP Capacity x Readability (g)	3,000 x 0.0[1]	6,000 x 0.[1]	45,000 x 0.[1]	35,000 x 0.[1]
NTEP Capacity x Readability (oz)	60 x 0.002	120 x 0.02	300 x 0.02	700 x 0.02
Linearity (g)	± 0.02	± 0.1	± 0.3	± 0.3
Order Number	RD3RM-2E0	RD6RM-2E0	RD15LM-2E0	RD35LM-2E0

Ranger Factory Options — Contact Ohaus Customer Service

2nd RS232— To order Ranger with second RS232 data interface, add /2 to the order number above.

General Specifications

Platform Size (w x d) (in/cm)	6.4 x 6.4 / 16.2 x 16.2	9.5 x 8 / 24 x 20	14 x 9.5 / 35 x 24
Scale dimensions (w x d x h) (in/cm)	10.5 x 13.2 x 4 / 26.5 X 33.5 x 10		14.2 x 14.6 x 4.5 / 36 x 37 x 11.5
Shipping dimensions (w x d x h) (in/cm)	16.5 x 19 x 10 / 42 x 48 x 25		20 x 20.5 x 10.5 / 52 x 53 x 27
Weight	11.5 / 5 net (14 / 6.5 gross)		21 / 9.5 net (24 / 11 gross)
Weighing Units	g, kg, lb oz		
Display	0.63 inch / 16 mm digit height backlit LCD		
Power	Internal AC power supply		
Span Calibration	25% - 100% of capacity		
Linearity Calibration (3 point calibration)	0% - 50% - 100% capacity		
Auto zero tracking	0.5d, 1d, 3d, off		
Construction	Stainless steel weighing pan / Painted cast-aluminum housing		
Protection	IP43		
Operating temperature	50° to 86° F / 10° to 30° C		
Storage temperature	-4° to 140° F / -20° to 60° C		

All Ranger models meet the requirements of Approval Agencies:UL,FCC,CSA,CE Safety EN60950,Emissions EN55022, Immunity EN50082-1.NTEP approval pending.

Standard Features

RS232 bi-directional interface, backlit LCD display, Gross / Tare / Net function, auto-off timer, internal AC power supply, leveling feet, leveling bubble, loop for security device, 4-key membrane keypad, rugged cast aluminum housing, auto zero tracking, retain zero data during power off, user selectable gradation, fill application, user selectable averaging and level sensitivity, primary and secondary display units user selectable, automatic taring, configurable primary and secondary RS232 port settings with programmable output header, software LFT lockout switch.

Accessories

In-use cover, carrying case, anti-theft device, auxiliary display.

Factory Installed Options

Additional bi-directional RS232 data interface.

Simple to Order

If you would like an Ohaus Customer Service Representative to assist you in selecting the right product, simply call 1-800-672-7722 (in the U.S. and Canada)...then place your order with the dealer of your choice.

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With offices throughout Europe,
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* ISO 9001
 Registered Quality Management System

5 Year Warranty (U.S. and Canada only)

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