



# Ranger Series

Compact Industrial Counting Scales

Designed for easy counting, the Ohaus Ranger™ Count has a precision load cell which produces counting results that are fast, stable and precise. Automatic reference optimization assures accurate counting each and every time. Logical menu-based controls and a large backlit LCD display for comfortable operation. Two Rangers can be linked together for fast, accurate dedicated parts counting and inventorying. The Ranger Count can also be connected to many other Ohaus balances and scales, or to scale bases with the optional analog input. The cast aluminum housing is well suited for industrial or production environments. Choose from five capacities in two platform sizes. For efficiency, speed and durability, the choice is Ranger Count.

- 1:300,000 maximum external counting resolution
- Average Piece Weight enhancement software (auto optimization, auto add)
- Minimum Average Piece Weight range 0.01 - 0.2g by model
- Wide range of platforms and capacities from 6 lb to 120 lb
- Heavy duty cast aluminum construction
- Two scale capability; Analog Scale Base input option
- RS232 data interface standard, second RS232 as factory option
- AC power or optional internal rechargeable battery

# RangerSeries Counting Scales

## Standard Models

Default Capacity x Readability (lb)	6 x 0.0005	12 x 0.001	24 x 0.002	60 x 0.005	120 x 0.01
Default Capacity x Readability (kg)	3 x 0.0002	6 x 0.0005	12 x 0.001	30 x 0.002	60 x 0.005
Default Capacity x Readability (g)	3,000 x 0.2	6,000 x 0.5	12,000 x 1	30,000 x 2	60,000 x 5
Default Capacity x Readability (oz)	60 x 0.005	120 x 0.01	240 x 0.02	600 x 0.05	1,200 x 0.1
NTEP Capacity x Readability (lb)	6 x 0.001	12 x 0.002	24 x 0.005	60 x 0.01	120 x 0.02
NTEP Capacity x Readability (kg)	3 x 0.0005	6 x 0.001	12 x 0.002	30 x 0.005	60 x 0.01
NTEP Capacity x Readability (g)	3,000 x 0.5	6,000 x 1	12,000 x 2	30,000 x 5	60,000 x 10
NTEP Capacity x Readability (oz)	60 x 0.01	120 x 0.02	240 x 0.05	600 x 0.1	1,200 x 0.2
Linearity (g)	+/- 0.2	+/- 0.5	+/- 1.0	+/- 2.0	+/- 5.0
Minimum Average Piece Weight (g)	0.01	0.02	0.05	0.1	0.2
Item Number	<b>RC3RS</b>	<b>RC6RS</b>	<b>RC12LS</b>	<b>RC30LS</b>	<b>RC60LS</b>

## Ranger Factory Options - Contact Ohaus Customer Service at 1-800-672-7722 for lead-time and availability.

/1 Battery	To order Ranger with internal rechargeable battery <b>add /1</b> to the model number.
/2 Second RS232	To order Ranger with second RS232 data interface, <b>add /2</b> to the model number.
/3 Battery & Second RS232	To order Ranger with both an internal rechargeable battery and second RS232 data interface <b>add /3</b> to the model number.
/4 Analog input	To order Ranger with analog input, <b>add /4</b> to the model number.
/5 Battery & analog input	To order Ranger with internal rechargeable battery and analog input, <b>add /5</b> to model number

## General Specifications

Functions	Basic weighing, piece counting, piece counting with second scale or base			
Maximum external counting resolution	1 part in 300,000			
Sample size	5, 10, 15, 20, 25, 30, 50, 100			
Platform size (w x d) (in/cm)	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 (lb/kg)	11.5 / 5 net (14 / 6.5 gross)		21 / 9.5 net (24 / 11 gross)	
Weighing units	g, kg, lb, oz, pieces			
Display	0.63 inch / 16 mm digit height, (Backlit LCD), with analog filling guide			
Power	Internal power supply / 40 hour rechargeable battery powered models available			
Construction	Stainless steel weighing pan / Painted cast-aluminum housing			
Protection	IP43			
Operating temperature	14° F to 104° F / - 10° C to 40° C			
Storage temperature	-4° F to 140° F / - 20° C to 60° C			
Item Number	<b>RC3RS</b>	<b>RC6RS</b>	<b>RC12LS</b>	<b>RC30LS</b> <b>RC60LS</b>

All Ranger Count models meets the requirements of Approval Agencies: UL, FCC, CSA, CE

NTEP Certificate of Conformance No. 01-051. Measurement Canada Notice of Approval No. AM4534

(Legal For Trade approval for weighing function only)

## 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, 10 key membrane keypad, rugged cast aluminum housing, auto zero tracking, retain zero data during power off, user selectable graduation, fill application, user-selectable averaging level sensitivity, primary and secondary display units user selectable, automatic taring, bar graph displaying percentage of total capacity, primary and secondary configurable RS232 port settings with programmable output header, software LFT lockout switch.

## Counting Features

1 part in 300,000 maximum external counting resolution; six dedicated counting keys on front panel: select variable sample size, automatically sample size of 10, switch between parts count and total weight, select between scale 1 and scale 2 in two-scale counting, display average piece weight, and clear current counting data; automatic optimization of sample reference weight; add mode to ensure sufficient sample weight to ensure accuracy for parts counting; user-selectable variable sample sizes; two-scale capability via either included RS-232\* or analog scale input option.

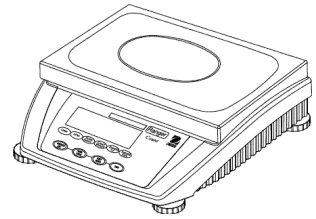
## Accessories

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

## Factory Installed Options

Internal rechargeable battery, additional bi-directional RS232 data interface, analog input

\*Contact Ohaus or your dealer to determine second scale compatibility



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With offices throughout Europe,  
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## \* ISO 9001: 2000

Registered Quality Management System

