



RANGER™ 2000

THE RIGHT TOOL FOR THE TOUGHEST JOBS



Tough, Precise, Fast, Dependable!

The multipurpose Ranger 2000 has all of the capabilities to produce precise results rapidly for a variety of applications. With seven application modes, Ranger 2000 is the ideal scale to meet many industrial weighing needs. Portable and equipped with a rechargeable battery, this scale is beneficial in every corner of the factory and is equipped with functions and features that elevate the Ranger 2000 to a class of its own.

Standard Features Include:

- **Largest Display in its Class Makes Ranger 2000 Ideal for Use in All Environments** – Ranger 2000 has the largest display in its class and is equipped with checkweighing LED's and red LED displays which makes it functional in almost any working condition.
- **The Most User Friendly Counting Scale on the Market** – Easy setup leads into even easier use—ensuring that your valuable time is not wasted and you're working as proficiently as possible.
- **Rapid Stabilization Provides Unmatched Throughput** – View your results in just one second, and then see your efficiency, throughput and productivity soar!

www.OhausRanger.com

RANGER™ 2000

Compact Bench Scales

TOUGH:

Durable ABS Platform, Sturdy Housing and Non-Slip Grip

The new Ranger 2000 features an ABS platform with stainless steel inset and a sturdy ABS housing that can stand up to daily use under the most demanding conditions. The large, non-slip leveling feet grip the counter's surface and prevent the scale from sliding during use.



PRECISE:

Precise Counting and Weighing Performance

Ranger 2000's sub-gram readability makes it the perfect choice for QA/QC testing, Production & Packaging areas and R&D. The precise results can be sent to an OHAUS printer or integrated into a system.



FAST:

Rapid Stabilization

Ranger 2000 produces accurate results within one second. The rapid stabilization virtually eliminates your wait time and allows you to move at a pace determined by you and not your weighing equipment. Work efficiently and with confidence that your results are accurate. Maximize your throughput without sacrificing accuracy with the Ranger 2000.

DEPENDABLE:

The Most User Friendly Scale on the Market

Simple menu navigation and dedicated keys make Ranger 2000 the most user-friendly industrial scale on the market. Complete with dedicated TARE key and Yes, No, Back, Exit keys, Ranger 2000 eliminates the need to master complex input commands and allows you to focus on the job at hand.



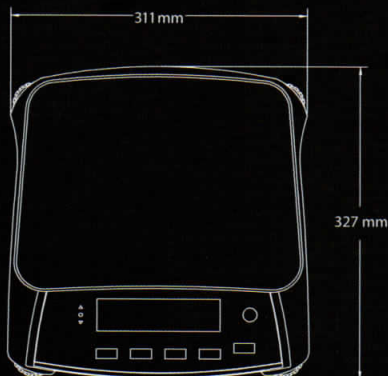
Portability and Versatile Power Options



Say goodbye to being restricted to working only near power outlets! With its convenient carrying handle and rechargeable lead acid battery that can provide power for more than 110 hours, Ranger 2000 can provide many hours of uninterrupted operation in the area of your workspace that most conveniently fits your needs. It can also be powered through the easy connect power cord that takes up minimal space. Whether you utilize the easy connect power cord or power your scale with its rechargeable battery, you are guaranteed hours of uninterrupted operation.

Standard RS232 for Easy Data Transfer

Standard RS232 offers a simple way to meet your data transfer needs.



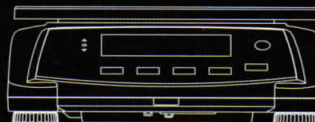
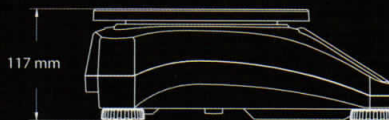
Weigh Below Capability

The optional easy-to-use and install weigh below hook offers the functionality to perform specific gravity tests. It can also be used to weigh items that cannot be easily lifted on to the weighing platform.



Application Modes

- **Weighing**—Determine the weight of items in the selected unit of measure.
- **Percent Weighing**—Measure the weight of a sample displayed as a percentage of a pre-established Reference Weight.
- **Parts Counting**—Count samples of uniform weight.
- **Check Weighing/Percent/Counting**—Compare the weight/percent/count of a sample against target limits. Choose from Checkweigh, Checkpercent or Checkcount.
- **Accumulation**—Totalization of weight, count or percent. Calculates total accumulated weight, count, or percent of separate items.
- **Dynamic Weighing**—Weigh an unstable load. Balance takes an average of weights over a time period.
- **Display Hold**—Manually or automatically holds the last stable weight on the balance display. Activated by setting time interval of Dynamic Weighing to zero.



RANGER™ 2000 SPECIFICATIONS

| Model | R21PE1502 | R21PE3 | R21PE6 | R21PE15 | R21PE30 |
|---------------------------------|--|------------------------------------|------------------------------------|--------------------------------------|-----------------------------------|
| Default Capacity × Readability | 1.5 kg × 0.00005 kg 1500 g × 0.05 g | 3 kg × 0.0001 kg 3000 g × 0.1 g | 6 kg × 0.0002 kg 6000 g × 0.2 g | 15 kg × 0.0005 kg 15000 g × 0.5 g | 30 kg × 0.001 kg 30000 g × 1 g |
| Maximum Displayed Resolution | 1:30000 | 1:30000 | 1:30000 | 1:30000 | 1:30000 |
| Construction | ABS Housing, ABS Platform with Stainless Steel Inset | | | | |
| Weighing units | kg, g, lb, oz, lb:oz | | | | |
| Application Modes | Weighing, Parts Counting, Checkweighing, Checkcounting, Checkpercent, Percent Weighing, Dynamic/Display Hold, Accumulation | | | | |
| Display | 40 mm high Red LED display, 6-digit, 7-segment | | | | |
| Checkweighing Indicators | 3 LED (yellow, green, red) with configurable operation and alert beeper | | | | |
| Keypad | 5 mechanical keys | | | | |
| Zero Range | 4% or 20% of full scale capacity | | | | |
| Tare Range | Full capacity by subtraction | | | | |
| Stabilization time | 1 second | | | | |
| Auto-Zero Tracking | Off, 0.5, 1 or 3 divisions | | | | |
| Safe Overload Capacity | 150% of capacity | | | | |
| Power | 220-240 VAC / 50-60 Hz internal transformer, internal rechargeable lead acid battery | | | | |
| Battery Life | 110 hours continuous use with 12 hour recharge time | | | | |
| Calibration | External, with user-selectable calibration weight | | | | |
| Interface | Built-in RS232 | | | | |
| Operating Temperature Range | -10° C to 40° C | | | | |
| Platform Size (W × L) | 300 × 225 mm | | | | |
| Scale Dimensions (W × L × H) | 311 × 327 × 117 mm | | | | |
| Shipping Dimensions (W × L × H) | 397 × 447 × 195 mm | | | | |
| Net Weight | 3.9 kg | | | | |
| Shipping Weight | 5.15 kg | | | | |

OHAUS CORPORATION
www.ohaus.com
ISO 9001:2008
 Registered Quality
 Management System

Other Standard Features and Equipment

Transportation handle, sealed front panel, menu lockswitch, up front level indicator, adjustable leveling feet, selectable environmental and auto-print settings, stability indicator, overload and underload indicators, low battery indicator, auto shut-off, auto tare

Accessories

Weigh Below Hook30037450
In Use Cover30037451
Stainless Steel Platform30037452
SF40A Impact Printer Contact an Authorized OHAUS Dealer or OHAUS Representative

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