The Best Compact Scale in its Class!

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 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!

- **Standard RS232 for Easy Data Transfer**—Ranger 2000 is equipped with standard RS232, making data transfer a simple process.
Ranger®2000 Compact Bench Scale

Largest Display in its Class
The inviting display makes Ranger 2000 extremely simple to use. The red LED display is 38.1 mm, 57% larger than displays on other comparable products. Checkweighing LED’s provide additional confirmation and clarification of results. The bright display makes Ranger 2000 ideal for use in dim settings.

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.

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.

Standard RS232 for Easy Data Transfer
Standard RS232 offers a simple way to meet your data transfer needs.

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.

Weigh Below Capability
Offers Additional Functionality (Option)
The 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 pan.
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 Checkweight, 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.

Outline Dimensions

![Diagram](image-url)
Ranger®2000 Compact Bench Scale

**Model** | R21PE1502 | R21PE3 | R21PE6 | R21PE15 | R21PE30 | R21PEH15
---|---|---|---|---|---|---
Default Capacity × Readability | 1.5 kg × 0.00005 kg | 3 kg × 0.0001 kg | 6 kg × 0.0002 kg | 15 kg × 0.0005 kg | 30 kg × 0.001 kg | 15kg × 0.0001kg
1500 g × 0.05 g | 3000 g × 0.1 g | 6000 g × 0.2 g | 15000 g × 0.5 g | 30000 g × 1 g | 150000 g × 0.1 g
Maximum Displayed Resolution | 1:30000 | 1:30000 | 1:30000 | 1:30000 | 1:30000 | 1:30000
Construction | Plastic pan with Stainless steel cover, ABS plastic housing
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
Pan 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
Shipment Weight | 5.15 kg

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 Hook ........................................... 30037450
- In Use Cover .................................................. 30037451
- Stainless Steel Platform .................................... 30037452
- SF40A Impact Printer ........................................... 30045641