

Counting Scales

Ranger® 7000

Simplifying Even the Most Complex Industrial Applications

- Ranger 7000 was developed to thrive in rugged and harsh industrial environments. This modular scale was built with IP54 cast metal housing and sealed metal indicator to ensure durability.
- Ranger 7000 has ten advanced application modes for complex applications and minimizes the need for manual calculations, and can also control peripheral devices and/or a scale platform with option kit.
- With 1 second stabilization time, up to 75,000d or 350,000d display resolution and legal for trade certifications, Ranger 7000 provides the precision that cannot be matched by any scale in its class.

- Application** Weighing, Parts Counting, Percent Weighing, Checkweighing, Dynamic Weighing (Display Hold), Filling, Formulation, Differential Weighing, Density Weighing
- Display** Full-color WQVGA graphic display (4.3 in./10.9 cm diagonal); 4.3" TFT Graphic LCD
- Operation** AC Power (Included) or Rechargeable Battery (Available as an Accessory); 100-240 VAC / 50/60 Hz Universal Power Supply; AC Power (Included) or Rechargeable Battery (Available as an Accessory); 100-240 VAC / 50/60 Hz Universal Power Supply
- Communication** Easy access communication ports including standard USB and RS232 and an optional third port of either RS232 or Ethernet. GLP/GMP Data Output with Real Time Clock. Data Transfer Function.

Construction Stainless Steel Platform, Die Cast Housing

Design Features Removable stainless steel platform, Checkweighing lights with selectable operation and audible signal settings, integral weigh below hook, sealed front panel, menu lock switch, level indicator, adjustable leveling feet, six selectable operating languages (English, Spanish, French, German, Italian and Chinese), selectable environmental and auto-print settings, stability indicator, overload/underload indicators, selectable brightness settings, auto-dim, auto-sleep, auto tare, chain tare.



| Model | InCal™ | Protection Rating | Capacity | Readability | Certified Readability | Platform Size | Item No. | Price USD |
|---------|--------|-------------------|---------------|--------------------|-----------------------|-------------------------------------|----------|-----------|
| R71MD3 | | IP54 | 6 lb / 3 kg | 0.0001 lb / 0.05 g | 0.001 lb / 0.5 g | 11 in x 11 in / 280 mm x 280 mm | 30070289 | 1375 |
| R71MD6 | | IP54 | 15 lb / 6 kg | 0.0002 lb / 0.1 g | 0.002 lb / 1 g | 11 in x 11 in / 280 mm x 280 mm | 30070310 | 1375 |
| R71MD15 | | IP54 | 30 lb / 15 kg | 0.0005 lb / 0.2 g | 0.005 lb / 2 g | 12.2 in x 14.8 in / 311 mm x 377 mm | 30070311 | 1375 |
| R71MD35 | | IP54 | 70 lb / 35 kg | 0.001 lb / 0.5 g | 0.01 lb / 5 g | 12.2 in x 14.8 in / 311 mm x 377 mm | 30070312 | 1375 |

| Model | InCal™ | Protection Rating | Capacity | Readability | Certified Readability | Platform Size | Item No. | Price USD |
|----------|--------|-------------------|---------------|---------------------|-----------------------|-------------------------------------|----------|-----------|
| R71MHD3 | • | IP54 | 6 lb / 3 kg | 0.00002 lb / 0.01 g | 0.0002 lb / 0.1 g | 9.4 in x 9.4 in / 240 mm x 240 mm | 30088840 | 2300 |
| R71MHD6 | • | IP54 | 15 lb / 6 kg | 0.0005 lb / 0.02 g | 0.0005 lb / 0.2 g | 9.4 in x 9.4 in / 240 mm x 240 mm | 30088841 | 2550 |
| R71MHD15 | • | IP54 | 30 lb / 15 kg | 0.0002 lb / 0.1 g | 0.002 lb / 1 g | 12.2 in x 14.8 in / 311 mm x 377 mm | 30088842 | 3395 |
| R71MHD35 | • | IP54 | 70 lb / 35 kg | 0.0002 lb / 0.1 g | 0.002 lb / 1 g | 12.2 in x 14.8 in / 311 mm x 377 mm | 30088843 | 4095 |

| Accessories | Item No. | Price USD |
|------------------------------------|----------|-----------|
| Ethernet Kit, R31 RC31 R71 V71 | 30037447 | 104 |
| RS232 Kit, R31 RC31 R71 V71 | 30037448 | 104 |
| Rechargeable Battery, EX-HiCap R71 | 30041295 | 263 |
| Printer, Impact, SF40A, AM | 30064203 | 682 |
| PCBA Kit, Alibi Memory, R71 T71 | 80500503 | 81 |
| Column Kit, Painted, R71 | 30095408 | 104 |
| PCBA Kit, 2nd Platform, R71 | 30097590 | 104 |
| Discrete I/O Kit, 2-In/4-Out, R71 | 30097591 | 104 |
| Cable, Extension, 9m, R71 | 30101495 | 73 |