

# Compact Bench Scales

## Ranger® 7000

### Simplifying Even the Most Complex Industrial Applications

- 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.
- 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.



- 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