RANGER®7000 *Compact Bench Scales*

Advanced Application Modes

Weighing
Determine the weight of items in the selected unit of measure.
*Can include statistics with the relative deviation, number of samples and other statistical data.

Density Determination
Determine density of solids. With the weigh below hook, it's possible to perform specific gravity tests for objects that cannot be easily placed on the weighing pan.

Filling
Fill a container to a target weight. Progress bar displays filling status. Connect with Discrete I/O option kit for auto-filling system.

Differential Weighing
Calculate the difference between sample weights and initial weights.

Parts Counting
Count samples of uniform weight. Advanced auto-optimization software recalculates the average piece weight as the overall weight increases.

Dynamic Weighing
Used to weigh an unstable load due to environmental factors. Scale takes an average of weights over a period of time or can use Display Hold to lock the last stable weight on the display.
*A Display Hold feature manually or automatically holds the last stable weight on the display. (Activated by setting time interval of Dynamic Weighing to zero.).

Formulation
For compounding and recipe making. Available "compensation mode" which enables recalculation in case component added is outside the tolerance.

Check Weighing/Counting
Compare the weight/count of a sample against target limits. Connect with Discrete I/O option kit for external check lights.

Percent Weighing
Measure the weight of a sample displayed as a percentage of a pre-established Reference Weight.

Sieve Analysis
A practice or procedure used to assess the particle size distribution (also called gradation) of a granular material.

Outline Dimensions

128 mm
5 in

467 mm
18.4 in

377 mm
14.9 in

Model R71MD15, Model R71MD35, Model R71MD60, Model R71MHD15, Model R71MHD35

114 mm
4.5 in

420 mm
16.5 in

280 mm
11 in

Model R71MD3, Model R71MD6, Model R71MHD3, Model R71MHD6