HRCS
High Resolution Counting Scale

The HRCS (High-Resolution Counting Scale) offers unmatched repeatability and accuracy, utilizing state-of-the-art digital Quartzell technology to create 1 billion internal counts, weighing objects as light as 10 mg. It can be set up as a high-resolution counting scale, high-resolution checkweighing scale or a high-resolution standalone bench scale.

The extremely durable base and robust internal design offer an overload protection level of 1100%, providing peace of mind that the scale is operating as intended. The HRCS offers laboratory precision for the industrial environment.

Counting Application
Easily count parts through dribble technique, bulk box count or PLU piece weigh

Checkweighing Application
Weigh within extremely tight tolerances

General Weighing
Unmatched accuracy with 1 billion internal counts

Overload Protection
Place up to 10x the capacity without worry of damaging the scale

Expandable
Add software efficiencies with PLU database, stack light alarm and key pad

B-TEK SCALES LLC BILANCIAI GROUP

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Smart
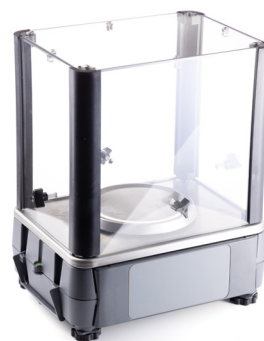**Accurate**
Durable

Specifications

- 1 billion internal count resolution using the high accuracy of the Quartzell transducer
- Aluminum die-cast clamshell base with 1100% overload and shock protection
- Applications available:
    - Counting with 40 PLU piece weight data storage
    - Checkweighing
    - High resolution balance for general weighing
- (3) Stainless steel weighing platter sizes
- Adjustable feet
- Backlit display with seven 0.5 inch segments
- Units: lb, kg, g, oz and custom
- Ports:
    - (2) RS232 serial ports
    - (1) RJ45 connector dedicated for remote keypad
    - (1) RJ45 Ethernet port
    - (3) Inputs
    - (3) Outputs
    - (1) Mini USB VCP port: connected in parallel with COM2 or consumes COM2 if used

Keypad

Roller Ball Top

Draft Shield

Stack Light

Options

- Internal Battery
- Roller Ball Top Shroud (12"x14" platter only)
- Stack Light
- Draft Shield (6" platter only)
- Second Scale Card
- Keypad

Standard Sizes and Capacities

Platter Size	Capacity and Resolution lb	Capacity and Resolution kg
6" diameter	2 lb x 0.00002 lb	1000 g x 0.01 g
6" diameter	10 lb x 0.0001 lb	5000 g x 0.05 g
9" x 12"	70 lb x 0.001 lb	35 kg x 0.0005 kg
12" x 14"	70 lb x 0.001 lb	35 kg x 0.0005 kg
12" x 14"	175 lb x 0.002 lb	80 kg x 0.001 kg

ISO