CubiScan® 125
Applications/Benefits

Warehousing and Distribution
- Designed specifically to measure and weigh small parts, irregular shaped, and boxed items
- Designed to work with and interface to warehouse management system software
- Facilitates storage location selection, order picking, carton selection, and shipment planning
- Compatible with case packing/load optimization software packages
- Eliminates manual data entry and protects data integrity
- Provides data useful for retail shelf-space allocation (planogramming)

Other
- Easy to use Windows® based software interface
- Real-time or batch-mode data transfer to host system available
- Mobile system moves anywhere in the warehouse or pick isles
- Dimensional and weight data available in metric and/or imperial units
- Uses sensing technology which is safe for both operators and package contents
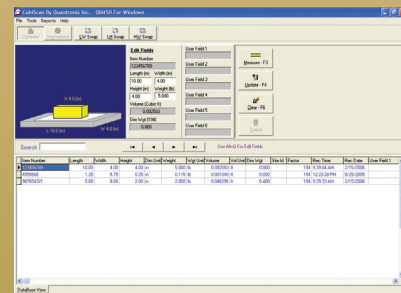
CubiScan® 125
Specifications

Physical Specifications	
Length	42 in (1,067 mm)
Width	44 in (1,118 mm)
Height	52 in (1,321 mm)
Weight	130 lbs (59 kg)

Performance Specifications	boxed items	irregular items
Measurement Range		
Length	0.5 in (13 mm) to 24 in (610 mm)	0.1 in (2 mm) to 18.0 in (450 mm)
Width	0.5 in (13 mm) to 30 in (762 mm)	0.1 in (2 mm) to 18.0 in (450 mm)
Height	0.5 in (13 mm) to 36 in (914 mm)	0.1 in (2 mm) to 12.0 in (305 mm)
Measurement Increment	0.1 in (2 mm)	0.05 in (1 mm)
Measurement Time	< 3 seconds	< 5 seconds
Weight Capacity	0.005 to 50 lbs(0.002 to 25 kg)	
Weight Increment	0.005 lbs (0.002 kg)	
Object Colors	All Colors	Opaque

Other	
Measuring Sensor	Infrared light beam and ultrasonic
Weight Sensor	Three load cells
Connectivity	Serial (1), Ethernet (1), USB (1)
User Interface Minimum PC Specifications	Integrated touch screen display/ QBIT™ software Windows 7/XP/95/98/NT/2000, Pentium II processor, 20 megabytes of disk space, screen resolution setting of 800 X 600
Power Requirements	95 - 250 VAC, 50 - 60 Hz
Operating Temperature	32° - 104° F (0° to 40° C)
Humidity	0 - 90% non-condensing
Display	TFT LCD touch screen; Displays L, W, H, weight, unit of measure, 2D and height profile, and diagnostic codes

The **CubiScan 125** is a small static cubing system that uses a combination of sensing technologies to measure and weigh irregular-shaped parts and components as well as boxed items. Small parts and non-cuboidal items are measured with great precision using infrared sensing technology, while larger boxed items are measured with ultrasonic sensors.

The CubiScan 125 is commonly used to improve storage-space planning, carton size selection, repacking, check-weighing and shipment manifesting in medical, pharmaceutical, apparel, hardware, and consumer goods distribution. It has an integrated control panel/ display, and outputs to a user-supplied PC. Capacity for boxes/cases is 24 x 24 x 36 inches with a resolution of 0.1 inches; irregular items are at 18 x 18 x 12 inches with a resolution of 0.05 inches. The 125 also includes an integrated, high-accuracy 50 x 0.005 lbs scale.

Each unit has one active serial communication port, one Ethernet port, and one USB port. Proprietary interface software, called Qbit™, accompanies the system and allows for menu-driven operator control, data storage/transfer and diagnostics. A mobile cart and useful accessories such as a portable power supply, handheld barcode scanner and label printers are available to create a completely mobile cubing, weighing and identification work station.

The CubiScan 125 combines powerful sensing technologies to create a flexible and economical solution for today's most demanding cubing and weighing applications.

Data files are created, managed, and made available for transfer to a host data processing system.

CUBISCAN
CUBING & WEIGHING SYSTEMS BY **QUANTRONIX**