

# CubiScan<sup>®</sup> 50-PS

## *Applications/Benefits*

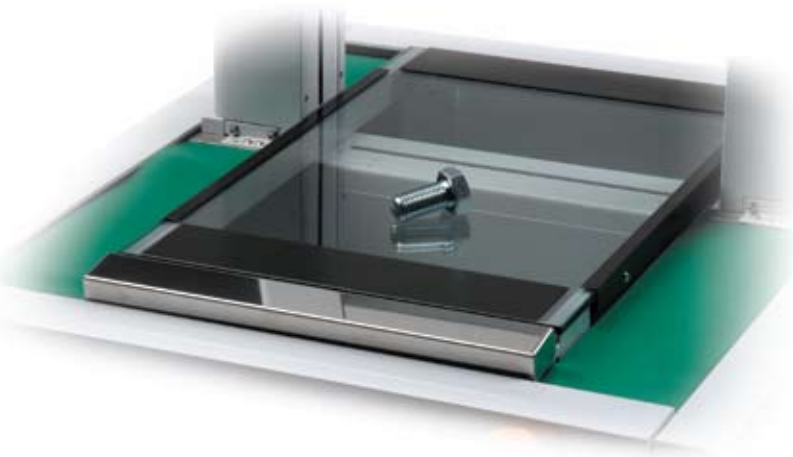
### *Warehousing and Distribution*

- Designed specifically to measure small irregular shaped items and parts for applications requiring high precision dimensioning and weighing
- 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





The **CubiScan 50-PS** is a small static cubing system designed to measure and weigh parts and components with great precision and accuracy. Using sophisticated photo-optic sensing technology, the 50-PS is able to measure "irregular" items, including a wide variety of non-cuboidal objects, to an accuracy of 0.05 inches (1 mm). Common uses include, carton selection, storage space selection, and other warehouse management system applications in medical supply, pharmaceutical, apparel, hardware, and consumer goods distribution environments.

The CubiScan 50-PS is operated in conjunction with a user-supplied personal computer. It has a maximum measurement range of 18 x 13.5 x 13.5 inches (450 x 345 x 345 mm) and a net weight capacity of 33 pounds (15 kg). Dimensional measurement resolution is 0.05 inches (1 mm), weighing resolution is 0.005 lbs (2 g) for items weighing up to 10 lbs (5 kg) and 0.01 lbs (5 g) for items weighing more than 10 lbs (5 kg).

Each unit has one active serial communication port and uses AC 100~230V (50/60 Hz) power. Proprietary interface software, called Qbit™, accompanies the system and allows for menu-driven operator control, real-time error checking, data buffering, and transfer capabilities.

The CubiScan 50-PS can be equipped with a mobile cart and useful accessories such as a portable battery system and bar code scanning equipment to make a complete mobile cubing and weighing work station.

The CubiScan 50-PS utilizes advanced sensing technology which is safe for operators and freight.

## CubiScan 50-PS Specifications

Physical Specifications	
Length	38 in (955 mm)
Width	29 in (726 mm)
Height	45 in (1,152 mm)
Table Height	26.5 in (673 mm)
Weight	265 lbs (120kg)
Performance Specifications	
Measurement Range	
Length	0.1 in (2 mm) to 18 in (450 mm)
Width	0.1 in (2 mm) to 13.5 in (345 mm)
Height	0.1 in (2 mm) to 13.5 in (345 mm)
Measurement Increment	.05 in (1 mm)
Weight Capacity	0.01 lbs (5 g) to 33 lbs (15 kg)
Weight Increment	Items up to 10 lbs (5 Kg): 0.005 lbs (2 g) Items more than 10 lbs (5 kg): 0.01 lbs (5 g)
Measurement Time	4 - 8 seconds
Other	
Measuring Sensor	Infrared Light Beam
Weight Sensor	Load cell
Data Output	RS-232
Minimum PC Specifications	Windows 95/98/NT/2000, Pentium II processor, 20 Megabytes of Disk Space, Screen Resolution Setting of 800 X 600
Power Requirements	AC 100-230V (50/60 Hz)
Operating Temperature	32Y- 104YF (0Y- 40YC)
Humidity	38% - 85% RH non-condensing



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



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CubiScan® products incorporate technology protected by one or more of U.S. Patents 5,042,015, 5,105,392, 5,422,861, 5,606,534, 5,220,536, 5,636,028, 5,850,370, 6,049,836, 6,064,629, 6,298,009, 6,611,787, 6,850,464, 7,277,187 and D490,328 and corresponding international patents. Other U.S. and international patents are pending.

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**CUBISCAN**  
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