

# CubiScan<sup>®</sup> 30

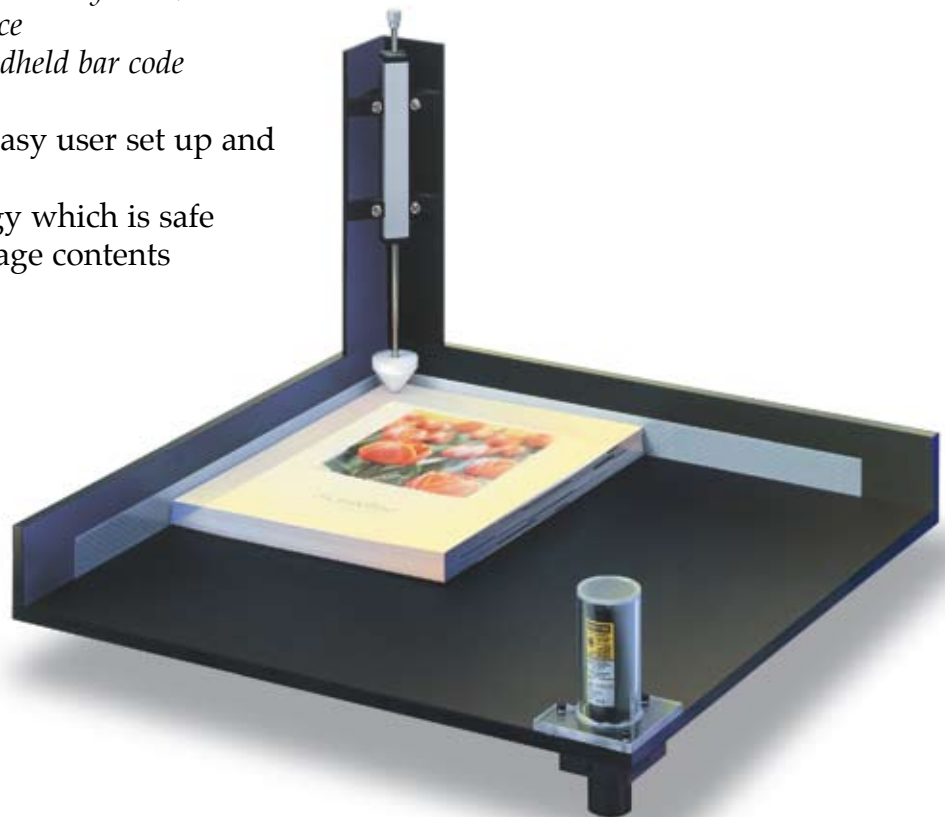
## Applications/Benefits

### Warehousing and Distribution

- Designed specifically for cubing and weighing applications in the distribution of books, tapes, and CDs
- Laser sensing technology measures length and width dimensions of hard and paperback books with extreme precision and repeatability
- Linear caliper provides book cover compression for precise book thickness measurements
- Small capacity scale provides high resolution and accuracy
- 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

### Other

- QBIT™ PC interface software included
- Real-time or batch-mode data transfer to host mainframe or PC
- Mobile system moves anywhere in your warehouse
- Dimensional and weight data available in metric and/or imperial units
- Mobile CubiScan work station options include:
  - Sturdy metal cart with hard rubber tires*
  - 12 volt deep cycle battery, charger, and power inverter*  
*(with more than 12 hour battery life)*
  - Computer shuttle arm*  
*(supports PC monitor and keyboard)*
  - Bar code scanning interface*  
*(with inclusion of handheld bar code scanning device)*
- Modular design allows for easy user set up and maintenance
- Uses laser sensing technology which is safe for both operators and package contents





## CubiScan 30 Specifications

### Physical Specifications

Length	17.5 in (445 mm)
Width	17.5 in (445 mm)
Height	16.0 in (407 mm)
Weight	22 lbs (10 kg)

### Performance Specifications

Measurement Range	
Length	1.0 in (25 mm) to 15.0 in (381 mm)
Width	1.0 in (25 mm) to 15.0 in (381 mm)
Height	0.125 in (3 mm) to 6.0 in (152 mm)
Measurement Increment	L & W 0.02 in (0.5 mm) H - 0.005 in (0.1 mm)
Weight Capacity	15 lbs (7 kg)
Weight Increment	0.005 lbs (2 g)

### Other

Measuring Sensor	Laser & linear caliper
Weight Sensor	Load cell
Data Output	EIA RS-232-C, bi-directional
User Interface	QBIT™ software
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	95 - 250 VAC, 47 - 63 Hz
Operating Temperature	40° - 104° F (5° - 40° C)
Humidity	0 - 90% non-condensing



EMI Compliance:  
FCC, Industry Canada and CISPR 22 Class A

FDA:  
Complies with 21CFR 104.10

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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 30.** Take precision and accuracy to new levels. Introducing the perfect cubing solution for the book business.

Designed exclusively for use in the book publishing industry, the CubiScan 30 uses laser technology to give precise tolerances and total control as you measure the length and width of books. Plus, you can measure a book's thickness thanks to a linear caliper (a small, plunger-like device) that rests on the book's cover and applies just enough pressure to compress the pages and give you the most accurate reading possible. As a result, you can easily determine the best box size or container for shipping your orders. Using the 30's high precision scale (accurate to 2 grams) you can also check order accuracy based on anticipated shipping weight. The process is simple; the results are exact. The savings can be staggering.

Check into the CubiScan 30. You'll see that it's one for the books.



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

QBIT™ PC interface software displays captured data both graphically and numerically.

**CUBISCAN**  
CUBING & WEIGHING SYSTEMS BY QUANTRONIX

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