# CubiScan® 100
## Applications/Benefits

*Warehousing and Distribution*
- 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

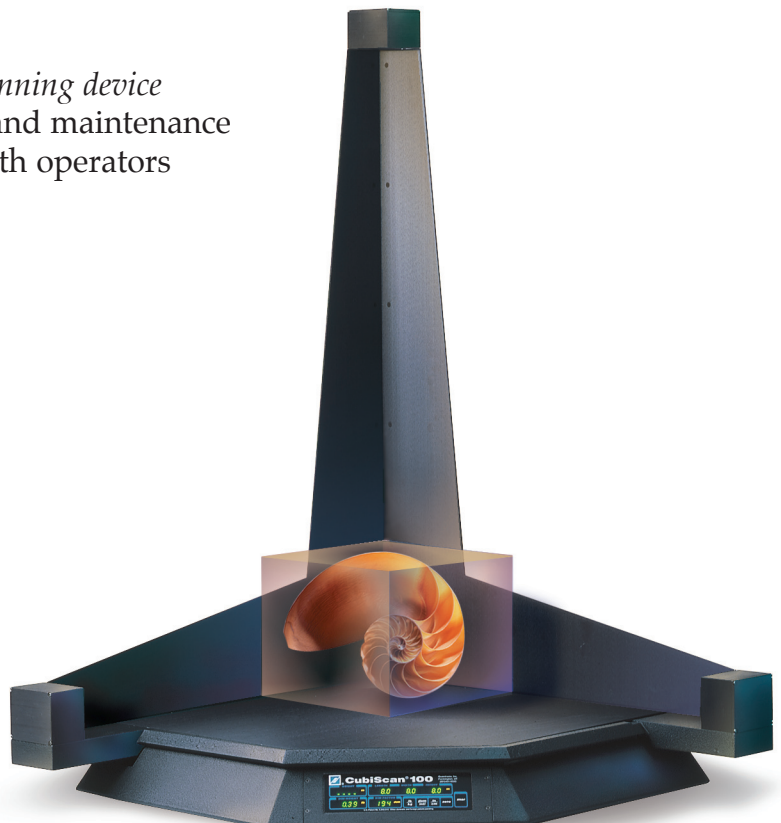*Freight Manifesting / Auditing Applications*
- Type-approved and certified as a legal-for-trade cubing and weighing device
- Provides dimensional-weight data for calculating shipping charges
- Designed to interface directly to computer-based manifesting systems
- Has user-definable "dim factors" for dimensional-weight calculations

*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 sensing technology which is safe for both operators and package contents

# CubiScan 100
## Specifications

### Physical Specifications

| | |
|---|---|
| Length | 32 in (813 mm) |
| Width | 32 in (813 mm) |
| Height | 48 in (1,220 mm) |
| Weight | 70 lbs (32 kg) |

### Performance Specifications

| | |
|---|---|
| Measurement Range | |
| Length | 0.5 in (13 mm) to 24 in (610 mm) |
| Width | 0.5 in (13 mm) to 24 in (610 mm) |
| Height | 0.5 in (13 mm) to 36 in (914 mm) |
| Measurement Increment | 0.1 in (2 mm) / 0.2 in (5 mm)* |
| Weight Capacity | 100 lbs (50 kg) |
| Weight Increment | 0.05 lbs (0.02 kg) |

### Other

| | |
|---|---|
| Measuring Sensor | Ultrasonic |
| Weight Sensor | Load cell |
| Data Output | EIA RS-232-C, bi-directional |
| User Interface | Integrated display & keypad / 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 |

*Applies to CubiScan 100-LFT (legal-for-trade version)

Weights & Measures Compliance:
NTEP Certificate of Compliance to NIST Handbook 44 (pending)
Industry Canada Weights & Measures (pending)
NMI (Australia)

Safety Compliance:
UL 1950 (USA), CSA 950 (Canada), IEC 950 (International) for ITE

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

CubiScan® and the Quantronix logo are registered trademarks of Quantronix, Inc.

Scanning New Dimensions™, Qbit™, QbitWIN™, and The FreightWeigh System™ are trademarks of Quantronix, Inc. Windows® is a registered trademark of Microsoft Corporation.

CubiScan software and firmware are protected by international and domestic copyrights.

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.

This document Copyright© 2008 by Quantronix, Inc. All rights reserved.
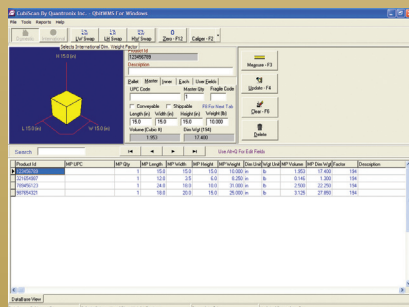
**CubiScan100.** Optimize the use of your space. Introducing the perfect tool of efficiency and source of revenue.

*Distribution.* The CubiScan 100, an integrated cubing and weighing system, gives you total control in any distribution center or warehouse application. Imagine the benefits of collecting your package information (weight and size) quickly and consistently–there's no need for second guessing, no room for human error, no reason to re-enter data, and no data corruption. And, the information is easily transferred to your data processing system where it can be used immediately.

*Manifesting.* Tested and certified as a type-approved, legal-for-trade cubing and weighing device, the Cubiscan 100 (LFT version) is a valuable tool in freight manifesting. Quicker and more reliable than manual measurements, the CubiScan 100 helps shippers get it right the first time by applying the correct dimensional-based shipping charges and eliminating those costly Charge-Backs. For carriers, you can easily and reliably audit the freight you receive from customers.

An integrated digital display and control panel allow finger-tip control. Innovative software gives you numerical dimensions and weight and an instantaneous, three-dimensional graphical representation of the parcel being measured.

So check into the Cubiscan 100. You'll discover what hundreds of users already know. Time is money. And so is real estate. Make the best use of both.

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

# CUBISCAN
### CUBING & WEIGHING SYSTEMS BY QUANTRONIX