CubiScan® 200-TS

Applications/Benefits

Warehousing and Distribution
- Simultaneously measures and weighs freight in motion, in any orientation
- Eliminates manual data entry and protects data integrity
- Provides data for storage location selection and shipment planning
- Provides data for use in facility layout planning, pallet stacking, and load optimization

Freight Manifesting / Auditing Applications
- Dimensions freight instantly and accurately without damaging the package or its contents
- May be configured for in-line or stand-alone operation
- Gives immediate computation of dimensional-weight for calculating accurate shipping charges

Other
- Maintains high throughput by operating at high-speed with minimal package spacing
- Can interface directly to PC or mainframe host devices
- Easy to use touch-screen user interface that displays dimensions, weight and other system statistics
- Output in metric or imperial units

CubiScan® 200-TS
Specifications

Physical Specifications	3A	4A
System Length	68.3 in (1735 mm)	
System Width	53.6 in (1360 mm)	66.2 in (1681)
Conveyor Height	Variable	
System Weight	792 lbs (360 kg)	
Performance Specifications		
Measure Range		
Length	6.0 to 60 in (150 to 1530 mm)	
Width	4.0 to 35.4 in (100 to 900 mm)	4.0 to 48.0 in (100 to 1220 mm)
Height	2.4 to 36.0 in (60 to 920 mm)	
Conveyor Speed	100 to 230 ft (30 to 70 m) per min	
Measure Increments	0.2 in (5 mm)	
Weight Capacity	1 to 110 lb (0.5 to 50 kg)	
Weight Increment	1 - 10 x 0.1 lb (0.5 - 5 x 0.05 kg) 10 - 110 x 0.2 lb (5 - 50 x 0.1 kg)	
Minimum Package Interval	27.6 in (700 mm)	
Other		
Measuring Sensor	Infrared	
Weight Sensor	Load cell	
Data Output	EIA RS-232, 422 option, bi-directional Programmable communications parameters	
User Interface	TFT color touch panel display & keypad	
Power Requirements	Cuber/weigher: 220 VAC, 60Hz, three phase Display: 110 VAC, 60 Hz	
Conveyor Direction	Bi-directional (measuring/weighing in both directions)	
Conveyor Method	Belt Conveyor	
Operating Temperature	32 to 104° F (0° C to 40° C)	
Humidity	0 - 80% non-condensing	

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 100 measurement products incorporate technology protected by U.S. Patent No. 5,422,861 and foreign patents.

CubiScan 150 measurement products are protected by one or more of U.S. Patents 5,422,861 and D490,328 and foreign patents. Other U.S. and international patents are pending.

CubiScan 1000-VS measurement products incorporate technology protected by U.S. Patent No. 7,277,187 and foreign patents.

This document Copyright© 2010 by Quantronix, Inc. All rights reserved.
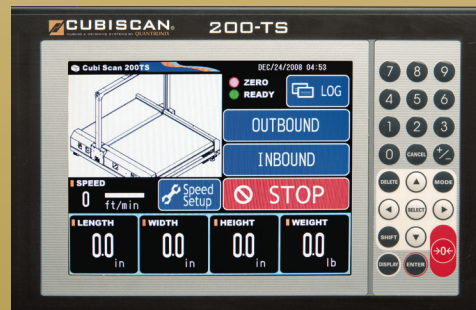
The CubiScan 200-TS

Integration—the key to maximizing performance and efficiency. The CubiScan® 200-TS gives you that advantage as an integrated in-motion dimensioning and weighing system. This dual functionality, in one concise footprint, gives you the power to quickly measure and weigh your parcels on-the-fly. Using infrared light-technology, the 200-TS is an efficient and reliable solution for manifesting or re-weigh applications.

The CubiScan 200-TS is offered in three and four foot belt widths, each with a five foot length capacity—facilitating a wide range of conveyable freight. It also incorporates multi- scale technology in one weighing platform, allowing more than one package on the scale at a time—thereby reducing parcel intervals to under 28 inches. These features, when combined with the rapid operating speed of 230 feet (70 meters) per minute, allow the system to keep up with your throughput requirements, preventing in-motion weighing from creating a bottleneck. And all of this comes with the added benefit of high accuracy and NTEP type-approval for legal-for-trade applications.

The CubiScan 200-TS' performance is complemented by its powerful user and data interfacing capabilities. The system comes standard with a color active-matrix display which provides numerous operating statistics and diagnostics while providing convenient touch-screen controls. With customized software programming, it can easily interface to and be synchronized with barcode scanning equipment, label printing devices, and shipping/manifesting, invoicing, or warehouse management system software.

Like all other CubiScan products, the 200-TS is built tough for industrial use. It uses heavy duty and wide gauge steel, industrial-grade belt conveyor, and has numerous access points, diagnostics, and controls for easy maintenance.

The CubiScan 200-TS is a high-performance, do-it- all system in one concise package, providing functional integration that will help you reduce costs, improve efficiencies, and capitalize on money-making opportunities.
See what it can do for you!

Easy to use touch-screen user interface

CUBISCAN
CUBING & WEIGHING SYSTEMS BY QUANTRONIX