

Datasheet

CubiScan® 25

As the latest member of the CubiScan product line, this device rounds off the product range for measuring and weighing irregularly shaped small objects. The compact device accurately measures the dimensions of even the smallest objects in combination with accurate scales.

The CubiScan25 is commonly used to improve storage-space planning, carton size selection, repacking, check-weighing and shipment manifesting. It has an integrated control panel/display, and outputs to a user-supplied PC. Capacity for irregular items is at 45cm x 30cm x 30cm with a resolution of 0,2cm. The 25 also includes an integrated, high-accuracy scale providing a capacity of 6kg with a resolution of 2g.

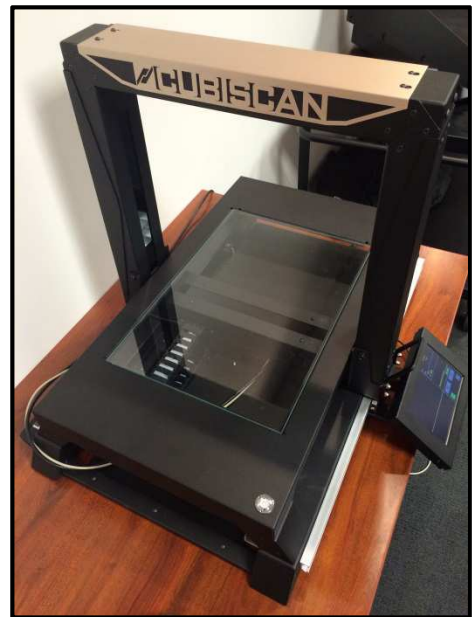
Each unit has one active serial communication port, one Ethernet port, and one USB port. Our proprietary interface software, called APACHE cubidata, accompanies the system and allows for menu-driven operator control, data storage/transfer and diagnostics.

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 CubiScan25 combines powerful sensing technologies to create a flexible and economical solution for today's most demanding cubing and weighing applications.

Applications/ Benefits:

Warehousing and Distribution

- Designed specifically to measure and weigh small parts, irregular shaped
- Designed to work with and interface to warehouse management system software
- Facilitates storage location selection, order picking, carton selection, and shipment planning
- Eliminates manual data entry and protects data integrity
- Provides data useful for retail shelf-space allocation (planogramming)
- Optional accessories for a mobile CubiScan workstation:
 - o Robust, movable cart
 - o Chargeable 12V battery including charger, converter (up to 12 h capacity)
 - o Swivel arm for notebook





Technical Data:

Dimensions		
Length	81,3 cm (32 in)	
Width	71 cm (28 in)	
Height	60 cm (23,5 in)	
Weight	29 kg (62 lbs)	
Measurement Range		
Length	0,2 cm bis 45 cm	
Width	0,2 cm bis 30 cm	
Height	0,2 cm bis 30 cm	
Measurement Increment	0,1 cm	
Measurement Time	< 5 sec.	
Weight Capacity	Up to 6 kg	
Weight Increment	0,002 kg	
Object Colors	Opaque	
Measuring Sensor	Infrared light beam	
Weight Sensor	4 load cells	
Connectivity	Serial (1), Ethernet (1), USB (1)	
User Interface	Integrated touch screen display	
Minimum PC Specifications (optional)	Windows 7/ XP/ 95/ 98/ NT/ 2000, Pentium II Processor, 20MB of disk space, screen resolution setting of 800x600	
Power Requirements	95 - 250 VAC, 50 - 60 Hz	
Operating Conditions	Operating Temperature: 0° C to 40° C (32° F to 104° F) Humidity: 0% to 90% non-condensing	
Contact	AKL-tec GmbH Boehlstr. 7 D-57518 Alsdorf Phone +49 (0) 2741-9377-0 Telefax +49 (0) 2741-9377-29 E-Mail: info@akl-tec.de Internet: www.akl-tec.de	