AKL-tec

CubiScan® 125
Applications/Benefits

Warehousing and Distribution

- **Small static** cubing system that uses a combination of sensing technologies to measure and weigh irregularly-shaped parts and components as well as boxed items
- **Maximize storage-space** planning, for carton size selection, repacking, check-weighing, and shipment manifesting in medical, pharmaceutical, apparel, hardware, and consumer goods distribution
- **Reduces packaging** waste and minimizes transportation fuel costs and carbon emissions

Other

- Compatible with APACHE Cubidata and Qbit for software interface
- Touchscreen display for easy operation and diagnostics
- Mobile cart and other accessories available to make a mobile cubing and weighing workstation

You**Tube** *Video*

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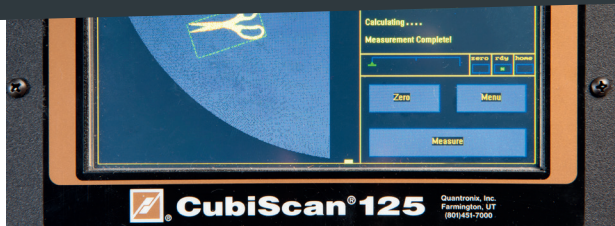
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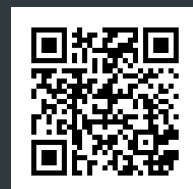
Physical Specifications

Length	110 cm
Width	165 cm
Height	135 cm
Weight	60 kg

Performance Specifications

		Length	Width	Height
Measure Range	Ultra sound	1,5 cm to 60 cm	1,5 cm to 75 cm	1,5 cm to 90 cm
	Gate Sensors	0.2 cm to 45 cm	0.2 cm to 45 cm	0.2 cm to 30 cm

Measure Increment	Ultrasound	0.2 cm
	Gate Sensors	0.1 cm
Measure Time	Ultrasound	< 3 seconds
	Gate Sensors	< 5 seconds
Measure Object	Ultrasound	exclusively cuboid
	Gate Sensors	irregularly shaped
Weight Capacity		< 25 kg
Weight Increment		0.002 kg

Other

Measuring Sensor	infrared & ultrasonic
Connectivity	Ethernet (10/100 MBit), Serial (RS232)
Power Requirements	100-240 VAC, 50-60 Hz
Operating Condition	**Temperature:** 0°C to 40°C **Humidity:** 0% to 90% non-condensing
Display	TFT LCD touchscreen display

The CubiScan 125 is a small static cubing system that uses a combination of sensing technologies to measure and weigh irregularly-shaped parts and components as well as boxed items. Small parts and non-cuboidal items are measured with great precision using infrared sensing technology, while larger boxed items are measured with ultrasonic sensors.

The CubiScan 125 is commonly used to improve storage-space planning, for carton size selection, repacking, check-weighing, and shipment manifesting in medical, pharmaceutical, apparel, hardware, and consumer goods distribution. It has an integrated touch screen display and outputs to a user-supplied PC. The CubiScan 125 also includes an integrated, high-accuracy scale (25 kg in2 grams steps).

A mobile cart and useful accessories such as a portable power supply are available to create acompletely mobile cubing, weighing, and identification workstation.

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