

iDimension™ 100 Series

3D Imaging System

iDimension 100 is designed for use in a retail, office and shipping environments on a workstation, table or bench. This is the first Rice Lake Weighing Systems iDimension series product that provides all the necessary hardware for an out-of-the-box solution.

Standard Features

- Dimensions parcels in less than 2/10th of a second at 0.2in NTEP Certified accuracy
- Includes USB operator display (no PC interface required) for
 - Manual entry of dimensions into 3rd party software
 - Set-up and configuration wizard
 - Displaying dimensions, status and weight if scale is directly attached
- Requires virtually no special alignment or special handling while placing an object under the work area
- Converts irregular shapes like cylinders, spheres, tubes, polybags and uneven shapes to 0.5in NTEP Certified accurate cubed dimensions
- Dimensions flats, less than 1.2in height, with the use of a scale or flat detection trigger located on the iDimension 100's base plate
- Automatic or manual operator modes:
 - Automatic operating mode is the standard out of the box configuration which allows you to move the parcel under the work area without the press of a button
 - Manual operating mode is for use with custom or 3rd party software interface that can be triggered by a bar code scanner, software function, or built in demo display when interfaced to a PC
- Interfaces with most NTEP Certified shipping scales and select Rice Lake indicators
- Quick assembly: Includes all necessary tools and components for a complete out-of-the-box solution and immediate use with limited operator training
- No additional installation of software required on your PC. When connected to a network, the embedded firmware provides access to additional displays and configuration parameters
- Connect to a PC and communicate directly over the network via static IP or DHCP. Use our open web service interface to take advantage of additional built in features like; a low resolution image of each dimension scale weight and more
- Contact the factory for an up-to-date listing of 3rd party shipping and inventory management systems the iDimension Series will communicate with

NTEP Certified Measurement Ranges - Cube

	MIN (IN)	MAX (IN)	DIVISION (IN)
Length	5.6	48	0.2
Width	5.6	28	0.2
Height	2.4	28	0.2

NTEP Certified Measurement Ranges - Irregular

	MIN (IN)	MAX (IN)	DIVISION (IN)
Length	6	48	0.5
Width	6	28	0.5
Height	6	28	0.5

Note: Min and max NTEP Certified capabilities do not reflect non-NTEP Certified performance specifications. Contact factory for more assistance.



Specifications

Physical Dimensions 100 Series:

Length: 25 in (63.5 cm)
 Width: 22 in (56 cm)
 Height: 63.8 in (162 cm)
 Weight: 28.5 lb (13 kg)

Power Requirements 100 Series:

Single power source 110-240V external power supply

Object Colors:

All opaque packaging; some variances may occur with glossy surfaces or shrink wrap

Measurement Surfaces:

Level tables, scales, roller balls and roller conveyors. The background should have a contrasting color for items to be dimensioned. Avoid over polished or glossy surfaces like stainless steel weight platters and flat black paint for best performance

Operating Temperature:

41 to 104°F (5 to 40°C)

Humidity:

Non-condensing

Mechanical Environment Class:

M1

Electromagnetic Class:

E1

I/O Ports:

(1) USB type A port (interface to scale)
 (1) 10/100/100BASE-T Ethernet port (interface to PC)

Package Contents:

iDimension 100 assembly tools, calibration object, USB display and US power cord

Warranty:

One-year limited warranty

Approvals:

NTEP
 CE
 FCC
 OIML - pending



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