

This chapter provides instructions for operating the Cubiscan S9.

## Measuring Freight

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To measure freight, complete the following steps.

1. Power on the Cubiscan S9. For information on how to do this, see “Powering the S9 On/Off” on page 10.
2. Make sure that the freight you want to measure is on the stretch wrap turntable. The freight must be positioned on the turntable so as not to extend past the sensor view. As a rule of thumb, the pallet and contents must be at least 20 inches away from the tower base.



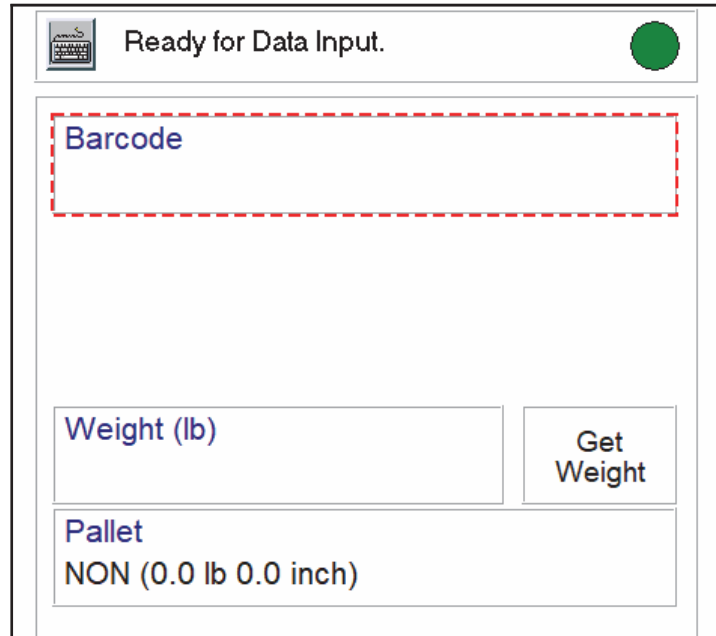
Figure 16  
Turntable

### NOTE >

Turntables may vary according to your particular setup. However, the S9 is designed to work with most stretch wrap machines. If you have questions about

whether the S9 will work with your particular machine, please contact **Quantronix Technical Assistance at (801) 451-0500** for assistance.

3. Scan or enter a barcode into the barcode field.



The screenshot shows a software interface with a title bar that reads "Ready for Data Input." and a green circular indicator on the right. Below the title bar is a large red dashed rectangular box labeled "Barcode". At the bottom of the interface, there is a "Weight (lb)" input field, a "Get Weight" button, and a "Pallet" field containing the text "NON (0.0 lb 0.0 inch)".

Figure 17  
Barcode

4. Depending on the set up of your stretch wrap machine, the weight of the pallet may be received from the turntable by tapping **Get Weight** button. If your turntable does not have weighing capacity, the weight may be manually entered. The weight field may also be left empty if

desired. Instead of a value, *n.a.* will be displayed in the weight field instead.

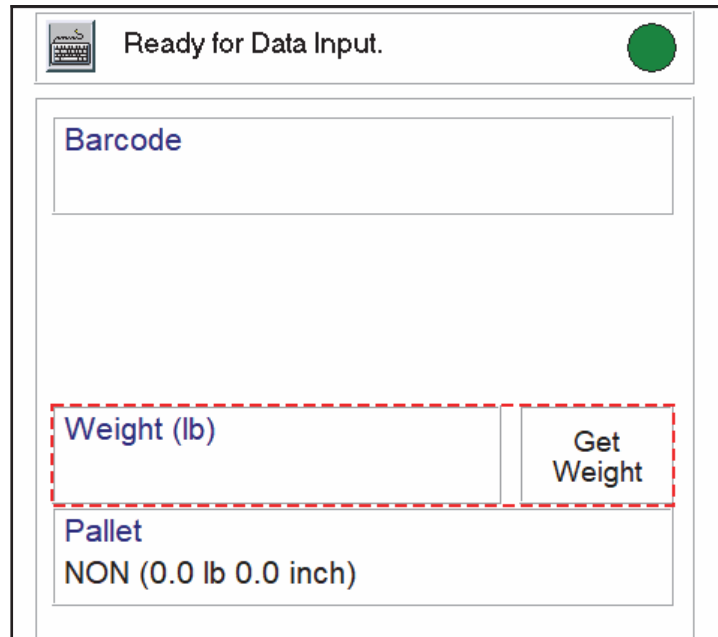


Figure 18  
Weight

5. Select your preferred volume and pallet options or use the default options. For more information, see "System Configuration" on page 32.
6. To begin the measurement process, start the stretch wrap turntable. After a few rotations, tap the green *Active Volume Scanning* button.

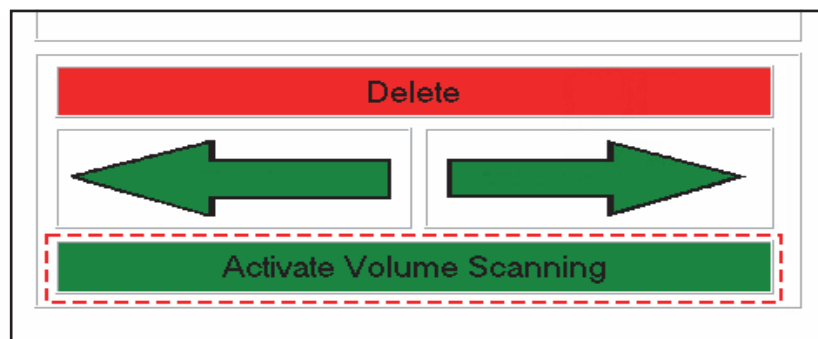


Figure 19  
Volume scanning

7. The Cubiscan S9 will dimension the pallet while it is being stretch wrapped. This process usually takes about 15 seconds. During the scanning you will notice the stack lights on the side of the S9 toggle

from red to yellow to green.



Figure 20  
Stack lights

When the green stack light is illuminated, the measurement is complete. The values will be displayed in the measurement results window. An image of the pallet will display in the image window.

MEASUREMENT		
LxWxH GROSS	16.5 inch × 15.4 inch × 35.9 inch	
CUBEVOLUME GROSS	5.270 ft <sup>3</sup>	
REALVOLUME	5.270 ft <sup>3</sup>	54.8 lb
WEIGHT GROSS	n.a.	
DATE & TIME	12/28/2022 8:50:36 AM	
BARCODE	3456	
NO VEHICLE		

Export

CAM A

HOST

Customer SCALE

Waiting

SYS @ 81

Figure 21  
Measurement results

8. You can then export the information by clicking **Export**. For more information on exporting measurement results, see “Image Window Options” on page 21.



Figure 22  
Export

## Measuring Oversized Freight

Oversized freight is any freight that does not fit into the measurement area. To measure oversized freight, complete the following steps.

1. Power on the Cubiscan S9. For information on how to do this, see “Powering the S9 On/Off” on page 10.
2. Select your preferred volume and pallet options or use the default options. For more information see “System Configuration” on page 32.
3. Enter a barcode using your preferred method.

4. Tap Activate Volume Scanning. The following Pre-Measurement screen appears.

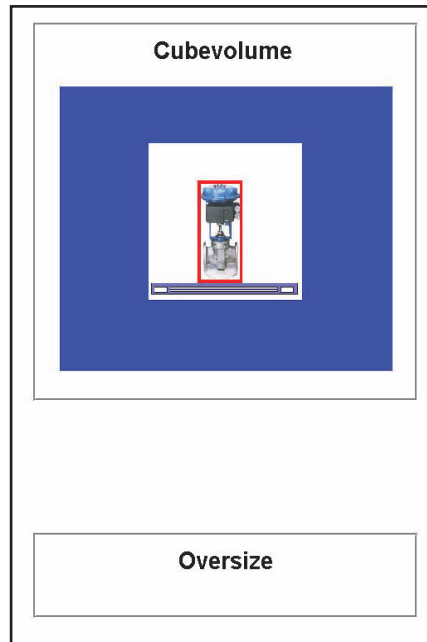


Figure 23  
Pre-Measurement Screen

5. Tap the **Oversize** button. The Oversize Manual Measurement window appears.

The screenshot shows a mobile application interface for measuring oversized freight. The main window is titled "Enter Oversize Length in [cm]" and "Oversize Manual Measurement". It features several input fields: "Length [inch]", "Width [inch]", "Height [inch]", "Weight [lb]", and "Pieces" (currently set to "1"). A camera icon is positioned next to the "Pieces" field. Below the input fields are two buttons: a green "Apply" button and a red "Abort" button. At the bottom of the window, there is a red "Delete" button, two green arrow buttons (left and right), and a green "Activate Volume Scanning" button. To the right of the main window is a numeric keypad with buttons for digits 1-9, 0, a decimal point, and a back arrow.

Figure 24  
Oversize Manual Measurement Window

6. Measure the length, width, and height of the freight and enter the values into the appropriate fields. All fields must contain a value before the measurement can take place.
7. Enter the number of pieces that are in the measurement field (this field may not be available, depending on your installation preferences).
8. If you do not want the Cubiscan S9 to capture an image, tap the camera graphic located on the oversize manual measurement window. A red X will appear over the graphic.
9. When you are finished entering all the appropriate information, tap **Apply**. The measurement results will be displayed. If you do not want to complete the oversize measurement process, tap **Abort**.



Figure 25  
Oversized Measurement Results

The image window will display a picture of whatever is in the measurement area at the time.

If you specified that the Cubiscan S9 should not capture an image, the following screen is displayed.

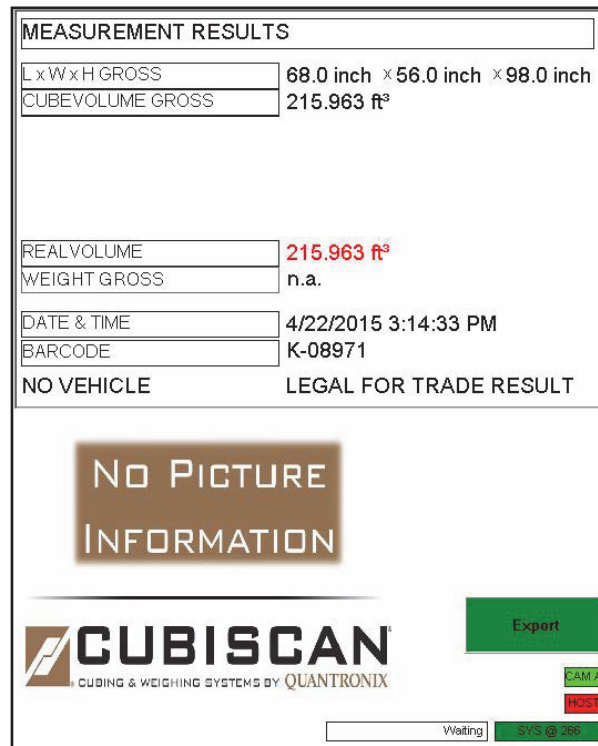


Figure 26  
Oversized Measurement Results, No Image