

# CUBISCAN 75-C SETUP

## QUICK REFERENCE GUIDE

This quick reference guide provides instructions for assembling and setting up the Cubiscan®75-C. For more detailed instructions on setting up the Cubiscan 75-C, see the *Cubiscan 75-C Operations and Technical Manual*.

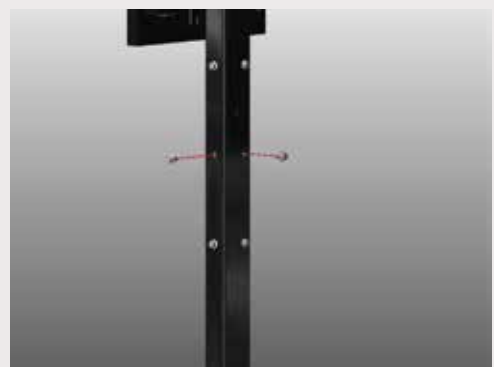
### UNPACKING >

- 1 > The Cubiscan 75-C is shipped in two boxes. The small box contains the base, the large box contains all other parts. Unpack the base from its box and set it on the floor.
- 2 > Remove the accessories from the large box (cables, calibration cube, setup guides). Remove the cardboard insert that held the accessories. Remove the packing foam.
- 3 > Lift the Cubiscan 75-C head from the box (it will come wrapped in plastic). Gently set it on the ground and remove the plastic.
- 4 > The bottom post should be the last thing left in the box. Remove it from the box.



### ASSEMBLY

- 1 > Insert and secure the bottom post to the base using the five bolts shown.
- 2 > With two people, connect the wire found in the bottom and top posts. Slide the top post into place and secure it using the two bolts shown. Make sure no wires are pinched during this process.
- 3 > Place the Cubiscan on the surface you are mounting it to (typically a table). Mark where you will need to drill six holes to bolt the platform in place. Drill the holes. Bolt the base platform down using the washers and nuts provided.
- 4 > Plug the power cable into the base of the post, making sure the arrows on the cable are facing up. Power the Cubiscan 75-C on by pressing the power button located on the top left corner of the touchscreen.



## CONFIGURATION

### HEIGHT CALIBRATION

- 1 > Once the Cubiscan has powered on, use the touchscreen and go to **CONFIGURE > Cali/Zero/Tare**.
- 2 > Place the 12" cube provided on the Cubiscan platform. If you are using a scale, place the scale on the platform then place the cube on top of the scale. Nothing except the calibration cube (and scale if you are using one) should be in in the measurement area.
- 3 > Tap the **Height-Calibration** button and leave the measurement area as quickly as you can (the measurement area includes the platform and extends about 18 inches from the platform on each side).
- 4 > The height calibration value will be shown on the screen. This value will ensure that height measurements are correct.

If the measurement area is disturbed during this process, or an object (besides the calibration cube or a scale) is in the measurement area, a red value of **0.0** or an error message will be shown. If this happens, go through the height calibration process again.

**Hint:** The measurement area includes the platform and extends about 18 inches from the platform on each side.

If you notice that your height measurements are outside tolerance (+/- 0.2 inches), go through the height calibration procedure again, especially if your Cubiscan has experienced temperature change, movement, or stress.

If you ever begin using a scale with the Cubiscan, repeat the height calibration procedure.

## CONFIGURATION CONT.

### SELECT MEASURE TRIGGER

- 1 > The default measurement trigger is the Object detection trigger. This mode will automatically prompt the Cubiscan to measure an object when it senses an object is in the measurement area. To learn about other measurement trigger options, see the *Cubiscan 75-C Operation Manual*.