

# iHandy Carpenter

**If you have any suggestion on this product, send an email to "ihandy.carpenter at ihandysoft dot com". Your feedback is very valuable for us.**

A few tips for better use of iHandy Carpenter:

## HOW TO USE THE RULER

Hold iPhone/iPod against object to be measured. Move the iPhone/iPod to the right and quickly swipe the ruler to the left, if the object is larger than 7cm/3inch

Press 'C' to reset the ruler

The other 2 buttons on the ruler enable you to change the directions of the ruler.

## TO MEASURE OBJECTS LONGER THAN 3 INCHES

1. Align the starting point of the ruler and the object to be measured
2. If the object is longer than the iPhone screen, put your a finger at the end point of the iPhone screen then move the iPhone right, until the starting point of the ruler is aligned with your finger (as shown below)



3. Quickly swipe the ruler to the left. The ruler will stop after moving the length of one iPhone screen.
4. If the object is still longer than the iPhone screen, repeat step 2. Otherwise you can now read how long your object is already.

## - THE PLUMB BOB, SURFACE LEVEL AND BUBBLE LEVEL BAR

Calibrate it first before any serious usage!

### - USE THE PLUMB BOB TO MEASURE THE VERTICALITY OF A WALL

Two ways to test the verticality of a wall:

1. Put your iPhone back-to-back onto the wall you measure (Recommended).  
If the shadow of the plumb bob is on X axis (y equals zero), it then indicates your wall is perfectly straight and vertical to the ground. Please note that in this way the reading of "x" does NOT have to be zero.  
The back of 3G iPhone is not totally flat. But it's accurate enough just to use the flat part of your 3G iPhone.
2. Put one edge of your iPhone on the wall you measure.  
If the shadow of the plumb bob is on Y axis (x equals zero), it then indicates your wall is perfectly straight and vertical to the ground. Please note that in this way the reading of "y" does NOT have to be zero.

### - HOW TO MEASURE THE SLOPE OF A SURFACE

A few ways to measure the slope of a surface:

1. Use the Surface Level (Recommended).  
Put your iPhone onto the inclined surface (The edge of iPhone should be in line with the slope direction of the surface. To verify this, just to check whether the reading of "y" is around zero).  
The reading of "x" is the slope angle of the measured surface.
2. Use the bubble level bar  
Put one edge or back of your iPhone stick to the inclined surface (The edge of iPhone should be in line with the slope direction of the surface).  
The reading is the slope angle of the measured surface.

If the surface is almost vertical to the ground, we suggest that you use the plumb bob tool to measure the surface instead.

## -CALIBRATION INSTRUCTIONS

- How to calibrate the plumb bob

1. Find a corner with two sides of a straight wall
2. Put your iPhone back-to-back onto one side of the wall, with the edge of your iPhone attached to the other side of the wall
3. Press "Calibration" button

- How to calibration the surface level

1. Find a flat and horizontal table
2. Put your iPhone onto the table, with the back of the iPhone attached onto the surface of the table
3. Press "Calibration" button

- How to calibration the bubble level bar

1. Find a flat and horizontal table
2. Put your iPhone onto the table, with the edge of the iPhone attached to the surface of the table
3. Press "Calibration" button

Available in iTunes App Store

## Application Screen Shots

