

# QuikRuler™ II quik start

Measurement software  
for use with GTCO CalComp Roll-Up™ Digitizers  
and Palm™ HandHeld Organizers



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**GTCO CalComp**  
PERIPHERALS

## Installing the software

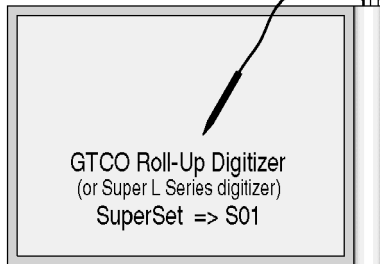
1. Insert QuikRuler II CD-ROM into your PC.
2. Follow installation and registration instructions.
3. Attach Palm to PC and perform HotSync.
4. QuikRuler II should now be loaded.

**Note:** QuikRuler II works only with Palm Handheld Organizers. Hardware incompatibility prevents use with other brands.



## Connecting the hardware

**CAUTION:** To prevent damage, do not use digitizer stylus on Palm screen.



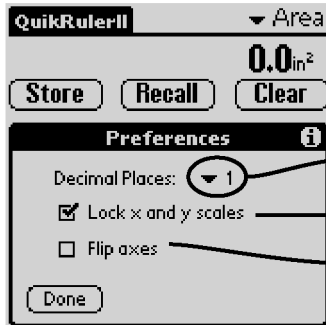
RS-232 cable provided with digitizer

Power supply

Adapter provided with QuikRuler II software

Palm RS-232 I/O cable, Portable or HotSync cradle (provided with Palm Organizer)

## Preferences



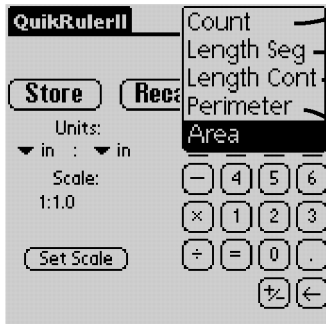
Set decimal places for display.

Unlock if X and Y scales are different.

Activate if drawing's X axis is parallel to digitizer's Y axis.



## Measurement functions



Count elements in drawing (no units).

Straight length between two points.

Length traced along irregular curve.

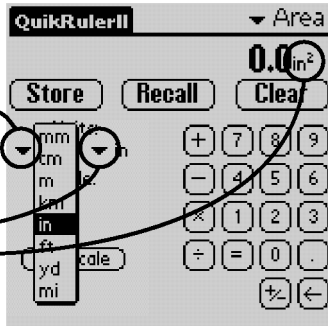
Perimeter (encompassing straight segments, traced curves or both).

Area within perimeter (encompassing straight segments, traced curves or both).

## Units

Select units used in drawing.

Select units for measurement  
(selected units appear in measurements).



## Scale

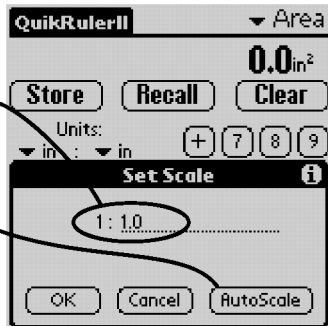
In main screen,  
tap **Set Scale**,  
then enter scale  
using Graffiti  
or Palm's keyboard.  
or  
Tap **AutoScale** and  
follow instructions  
to set scale from  
drawing.

If axes not locked (see  
"Preferences"), set X and  
Y scale independently.

### Set Scale

X 1: 1.0

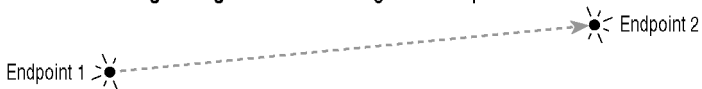
Y 1: 1.0



## Making measurements

Measure using the digitizer's stylus or cursor.

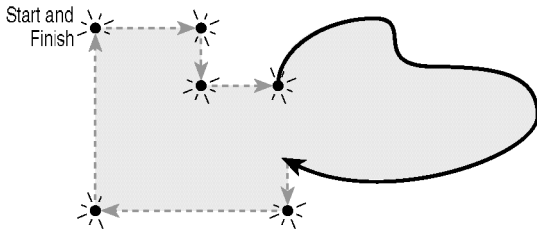
To measure **Length Segment** select segment endpoints.



To measure **Length Continuous** trace curve.



To measure **Perimeter** or **Area**: select segment endpoints and/or trace curves.



**Note:** Unless you start a new measurement, multiple measurements are cumulative. To start a new measurement, **Clear** (or **Store** and **Clear**) the last measurement.

## Calculations



After making a measurement, use keypad to apply calculations, then  $\text{tap} =$  to view results.

**Example:** A room is to have 2'x4' ceiling tiles installed. After measuring the room's area as 320 square feet,  $\text{tap } \div 2 \div 4 =$  to determine that 40 tiles will be required.

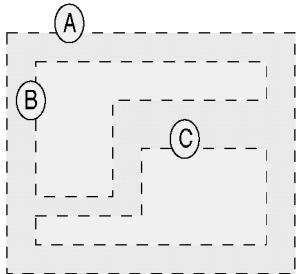
## Combining measurements

Multiple measurements can be combined to provide a single result.

For example, to determine the gray area at right:

1. Measure area using outer perimeter A.
2. Tap  $-$  on keypad.
3. Measure inner area using perimeter B.
4. Tap  $-$  on keypad.
5. Measure inner area using perimeter C.
6. Tap  $=$  to view the result.

Or:  $\text{Area A} - \text{Area B} - \text{Area C} = \text{Gray area}$



## Categories

A **category** holds multiple measurements collected for a job or project. **Store** or **Recall** data as needed.

**Tip:** Use **Copy** and **Paste** functions to move data between QuikRuler II and other Palm applications.

Select category to store data.  
or  
**Edit Categories** to create,  
rename or delete categories.

QuikRulerII Area  
75.0<sub>ft²</sub>  
Store Recall Clear

QuikRulerII Area  
Store Calculation  
Category: Scottsdale Job  
Value: Unfiled  
Name: Edit Categories...  
Store Cancel

Edit Categories  
Scottsdale Job  
OK New Rename Delete

Enter measurement name and other information,  
then tap **Store**.

QuikRulerII Area  
Store Calculation  
Category: Scottsdale Job  
Value: 75.0  
Name: Marble Foyer  
Store Cancel

Edit Categories  
Enter a new category name:  
Scottsdale Job  
OK Cancel

Enter new category name.

**Tip:** After HotSync, TAB-delimited data is stored in *QuikRuler.txt* file in *QuikRuler* folder under user account name.

## Using QuikRuler II

In a typical QuikRuler II session, you might...

- **Set preferences:** set decimal places, lock/unlock axis scales, flip axes.  
>> See “Preferences,” page 3.
- **Select a function:** count, length segment, length continuous, perimeter, area.  
>> See “Measurement functions,” page 3.
- **Set units** for drawing and measurement results.  
>> See “Units,” page 4.
- **Set scale factor.**  
>> See “Scale,” page 4.
- **Make a measurement.**  
>> See “Making measurements,” page 5.
- **Perform calculations.**  
>> See “Calculations,” page 6.
- **Combine multiple measurements.**  
>> See “Combining measurements, page 6.
- **Store data:** create/rename categories, store data, recall data.  
>> See “Categories,” page 7.

**Tip:** For more information about QuikRuler II, see the help file on the QuikRuler II CD-ROM.