QUIKRULER™ II QUICK START GUIDE

Measurement software for use with GTCO CalComp by Turning Technologies Roll-Up™ Digitizers and Palm™ Handheld Organizers
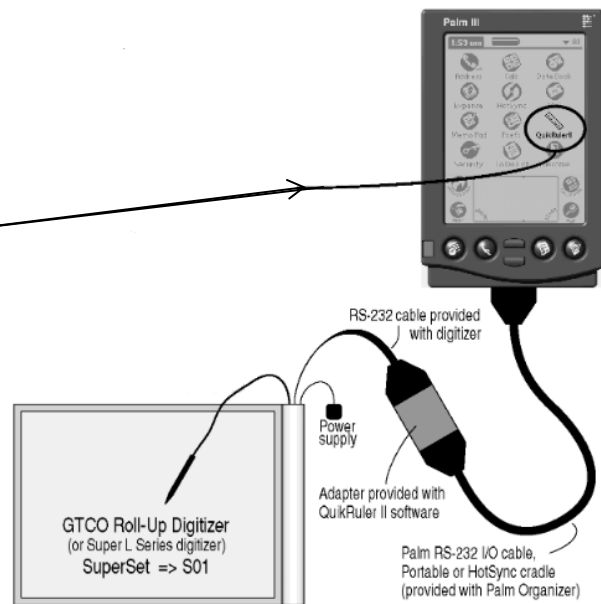
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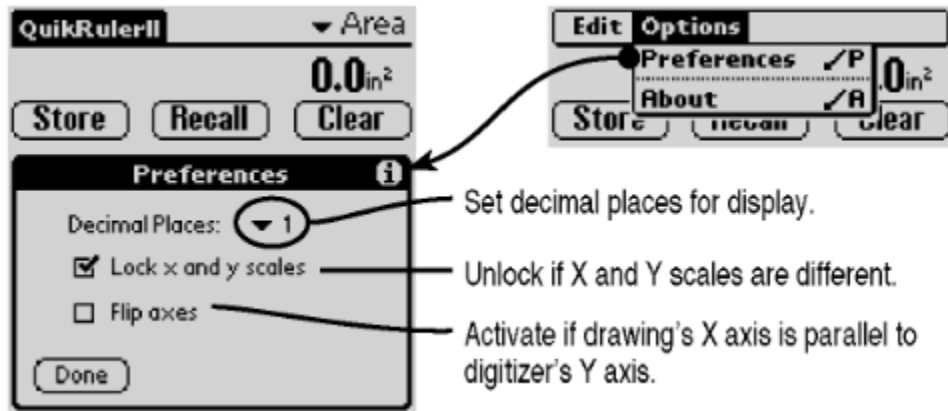- Using QuikRuler II

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.
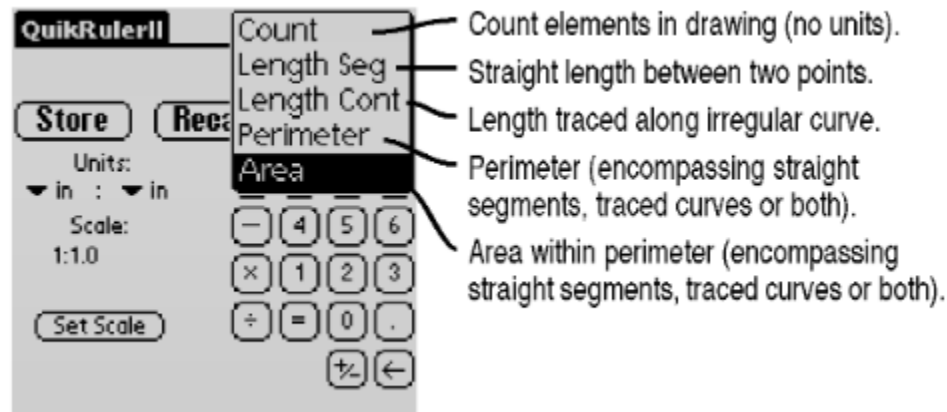
Connecting the Hardware

RS-232 cable provided with digitizer

Power supply

Adapter provided with QuikRuler II software

GTCO Roll-Up Digitizer (or Super L Series digitizer) SuperSet => S01

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

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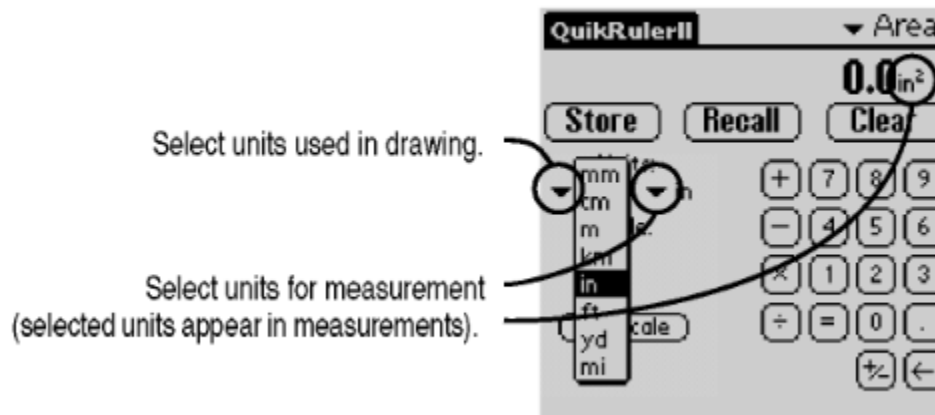
Preferences

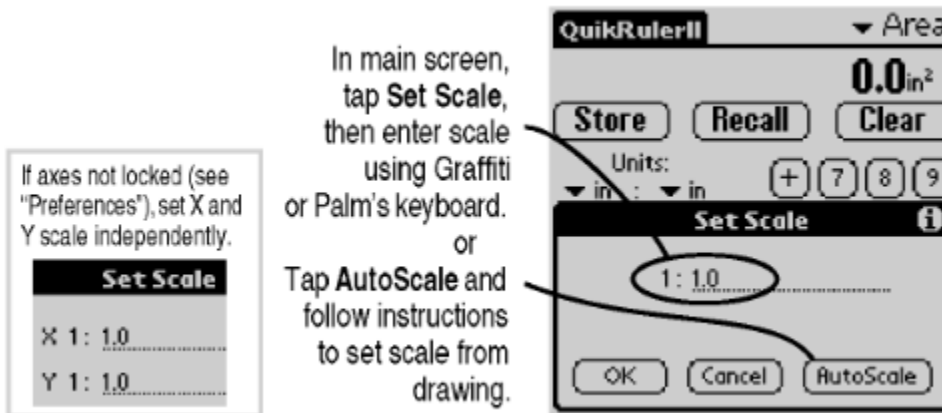QuikRulerII — Area
0.0 in²
Store Recall Clear

Edit Options
Preferences ✓P
About ✓A
Store Recall Clear

Preferences ⓘ

Decimal Places: ▼ 1 ——— Set decimal places for display.

☑ Lock x and y scales ——— Unlock if X and Y scales are different.

☐ Flip axes ——— Activate if drawing's X axis is parallel to digitizer's Y axis.

Done

Measurement Functions

QuikRulerII

Store Recall

Units:
▼ in : ▼ in
Scale:
1:1.0

Set Scale

Count ——— Count elements in drawing (no units).
Length Seg ——— Straight length between two points.
Length Cont ——— Length traced along irregular curve.
Perimeter ——— Perimeter (encompassing straight segments, traced curves or both).
Area ——— Area within perimeter (encompassing straight segments, traced curves or both).

[−] [4] [5] [6]
[×] [1] [2] [3]
[÷] [=] [0] [.]
[+⁄−] [←]

Units

Select units used in drawing.

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

Scale

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

Set Scale

X 1: 1.0

Y 1: 1.0

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.

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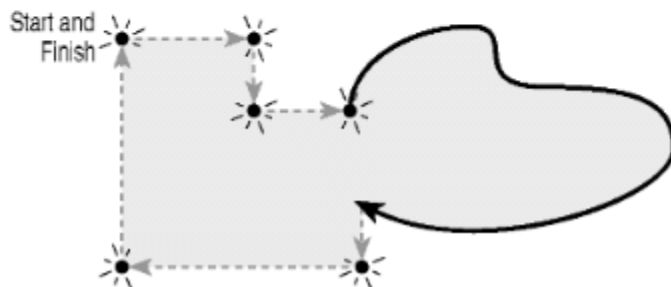
NOTE: Unless you start a new measurement, multiple measurements are cumulative. To start a new measurement, **Clear** (or **Store** and **Clear**) the last measurement.

Calculations
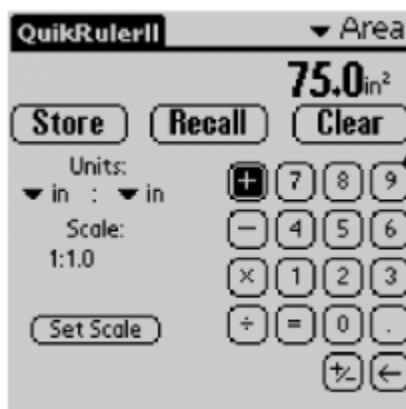
After making a measurement, use keypad to apply calculations, then tap = to view results.

Example: A room is to have 2' by 4' ceiling tiles installed. After measuring the room's area as 320 square feet, tap **÷ 2 ÷ 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.
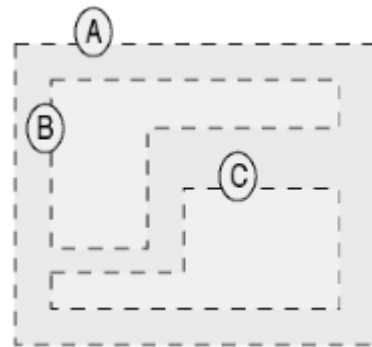
Or: Area A – Area B – Area C = Gray area

Categories

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

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

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

Enter new category name.
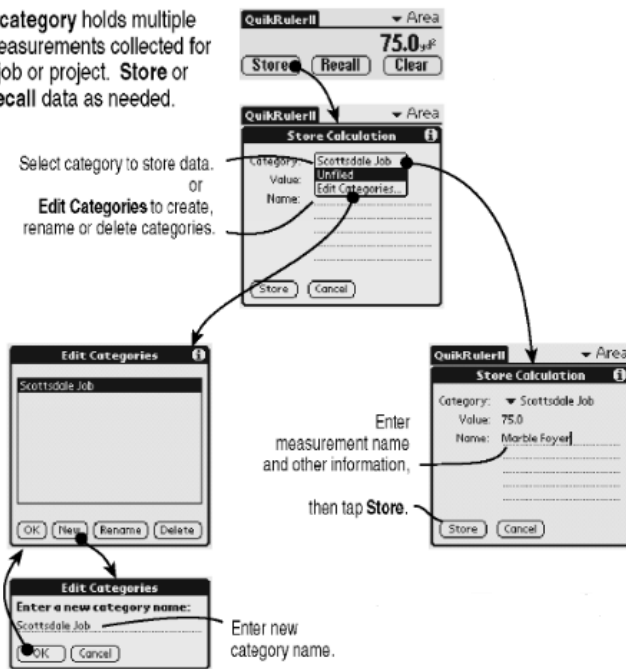
NOTE: Use **Copy** and **Paste** functions to move data between QuikRuler II and other Palm applications.

NOTE: 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 and flip axes.
  - ➢ See "Preferences"
- **Select a function:** count, length segment, length continuous, perimeter and area.
  - ➢ See "Measureable Functions"
- **Set units** for drawing and measurement results.
  - ➢ See "Units"
- **Set scale factor.**
  - ➢ See "Scale"
- **Make a measurement.**
  - ➢ See "Making Measurements"
- **Perform calculations.**
  - ➢ See "Calculations"
- **Combine multiple measurements.**
  - ➢ See "Combining Measurements"
- **Store data:** create/rename categories, store data and recall data.
  - ➢ See "Categories"

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