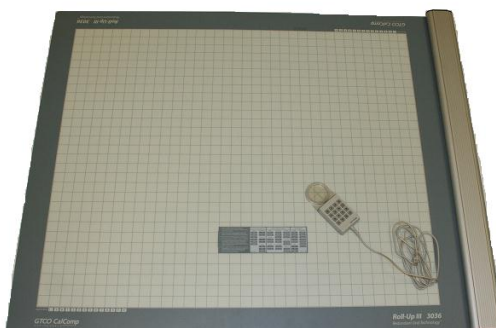


## GTCO Calcomp Roll up Digitizer Support

Support for the GTCO Calcomp Roll up Digitizer has been added to AccuMark V8.5.1. The roll up digitizer can be used to input AccuMark raw digitized data, basically simulating an AccuMark digitizer.



After purchasing the Roll up digitizer from an authorized GTCO Calcomp dealer, the Digitizer interface kit from Gerber allows you to digitize directly into the AccuMark. Included in the kit is the AccuMark digitizer menu and this document.

### Supported Roll up Digitizers

As of V8.5.1 AccuMark software has been updated to be able to run the roll up GTCO Calcomp digitizer, however not all models have been extensively tested. This feature is available on both AccuMark Advanced and Professional editions.

<b><i>Digitizer Model</i></b>	<b><i>Approved for Use</i></b>
GTCO Calcomp 3036	Yes

### Required Materials

A proprietary 9 pin serial cable and power supply is available with the GTCO CalComp digitizer. Plug the serial cable into the digitizer and into a serial port on the system that will be used for digitizing.

A digitizing cursor is supplied with the roll up digitizer; see the button details at the end of this document for details on the cursor layout.

Use an AccuMark Digitizing menu template, available from Gerber.

**IMPORTANT NOTES:**

1. Before proceeding with any set up of the device, read the Release Notes and Quick Start guide for the Roll up III provided by GTCO Calcomp. Also provided with the digitizer is extensive documentation including a Help file and User's Guide.
2. Follow the instructions in the digitizer documentation to install the drivers.

**Configuring the Digitizer Settings**

Set the following options on the digitizer following the documentation included with the GTCO Calcomp hardware. Follow the steps in the "Configuring for Specific Application Programs" for a "Custom Configuration."

Communication Options

- ❖ Baud: 9600
- ❖ Data Bits: 8
- ❖ Stop Bits: 1
- ❖ Parity: None

Output Format Options

- ❖ GTCO: ASCII
- ❖ Button: Include
- ❖ Space: Exclude
- ❖ Line Feed: Include
- ❖ Return: Exclude

Mode Options

- ❖ Mode: Point
- ❖ Resolution: 100 lpi

**Custom Configuration Quick Reference**

1. Determine the required digitizer settings for your application software.
2. Position this card within the active area of the tablet. Select P in the SuperSet Configuration Menu to activate the Custom Configuration Menu.
3. Set the menu location by clicking the cursor or stylus on the center of Point 1, and then Point 2.
4. The system will beep when the cursor or stylus is over the current setting in each option group. Depending on options selected, some groups may be inactive. Click on the desired setting to change. To cancel all changes, click in the active area outside the menu.
5. If later recall of the new configuration is required, a SuperSet code can be assigned by selecting S and a two-digit number between 90 and 96. If later recall is not required, then select P. You may now resume digitizing.

Communication Options		Output Format Options			Mode Options	
Baud	Data Bits	GTCO	CalComp	Summa	Mode	Resolution
1200	7	Binary	Binary	Binary	Point	100 lpi
2400	8	ASCII	ASCII 1	ASCII 1	Line	200 lpi
4800	Stop Bits	Button	ASCII 2	ASCII 2	Cont	1000 lpi
9600	1	Include	ASCII 3	Decimal	Line Incr	2000 lpi
19200	2	Exclude	ASCII 4	Include	Cont Incr	10 lpm
38400	Parity	Space	Line Feed	Exclude	Rate	40 lpm
	Even	Include	Include	Return	12	100 lpm
	Odd	Exclude	Exclude	Include	50	
	None			Exclude	Max	

POINT 1      POINT 2

### Applying the Menu Template

The AccuMark digitizer menu template is needed to input raw digitized data menu items and text data. If you did not receive a menu with your order, please contact your Gerber support representative. The template is available in several different languages. The following is the part number for the English template:

AccuMark Digitizer menu Template (English),  
P/N 54640001

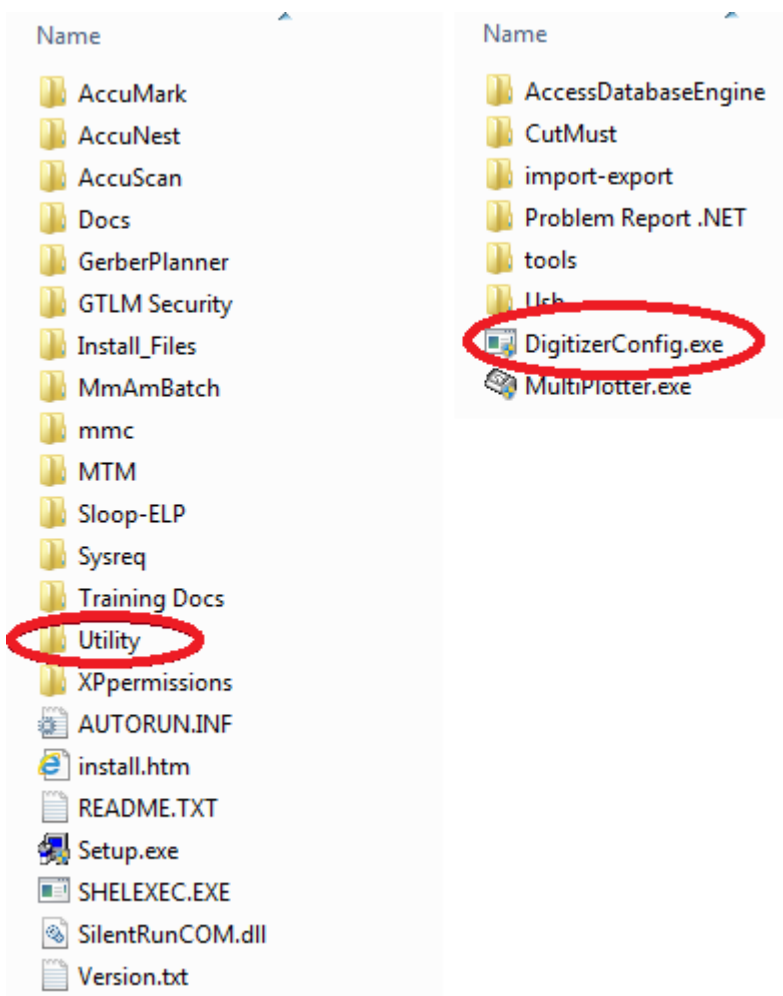
The roll up digitizer allows the user to select between two different orientations, with the controller housing on the right, which is the factory default, or with the controller housing on the left, if you follow the directions included in the GTCO Calcomp documentation to change the orientation. The steps to do this are in the “Changing the Digitizer’s Orientation” topic in the User’s Guide and digitizer’s online help file.

Once you have decided which orientation position you prefer, place the menu template on the lower left corner, aligned with the 0,0 origin position.

### To Enable the Configuration

Before attempting to configure the digitizer, the selection must be added to the Hardware Configuration drop down menu for digitizer type.

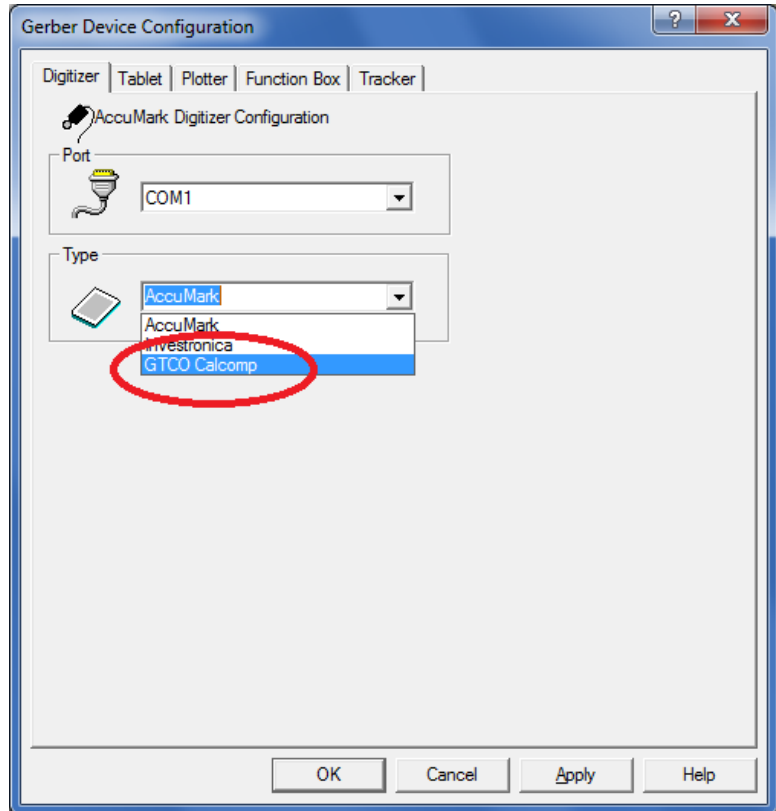
To add this selection, browse to the Utility folder on the AccuMark Family software DVD and select “DigitizerConfig.exe” to run the executable that adds this entry to your hardware selections.



### Digitizer Configuration

Start Hardware Configuration from the LaunchPad, "AccuMark Explorer, Utilities" page.

On the Digitizer tab, select the appropriate serial port where you plugged in the GTCO Calcomp serial cable and then select GTCO Calcomp from the drop down list in the Type field.



### Using the CalComp Digitizing Puck

The CalComp digitizing puck has a different layout than the AccuMark digitizing puck however the buttons exhibit the same output.

On the Calcomp digitizing puck, the 'E' button represents the '#' and the 'F' button represents the '\*'.

CalComp Puck

0	1	2	3
4	5	6	7
8	9	A	B
C	D	E (#)	F (* )

AccuMark Puck

1	2	3	A
4	5	6	B
7	8	9	C
*	0	#	D

Digitize using the normal digitizing sequence for AccuMark digitized data. The view while digitizing feature is available.