

Projected Capacitive Test Fixture

Touch International's Projected Capacitive Test fixture allows users to expedite and streamline the projected capacitive touch screen testing process. Each test fixture is custom made based on the stipulations of the customer and the touch screen design.

The Projected Capacitive Test Fixture uses two controllers, a master and slave, to test the rows and columns of the projected capacitive touch screen. The test fixture allows for each row and column to be scanned individually to determine whether a sensor is good or bad.

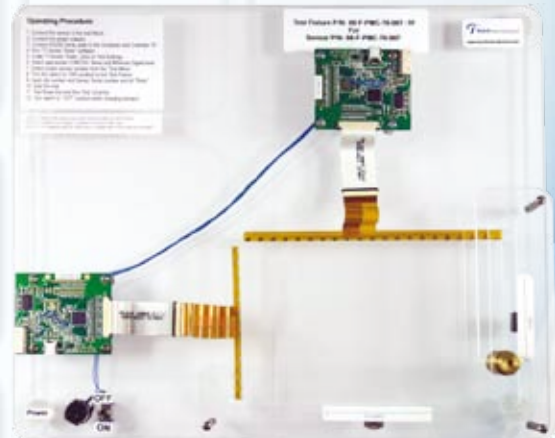
The fixture uses a sampling method and provides accurate results for sensors tests. The software records the readings which are stored in Microsoft Window's Notepad program and can later be viewed in Excel. By recording the job number and sensor serial number, the user can keep a track of good and bad sensors.

Each Projected Capacitive Test Fixture Includes

- Test Fixture
- RS232 Cable
- Power Adapter
- Brass Test Finger
- Pair of FPC Adapter Cables
- Projected Capacitive Controller
- Projected Capacitive Testing Software
- User Manual for Using Test Fixture
- 4 Hours of Technical Support (Via Phone and/or E-mail)

Specifications

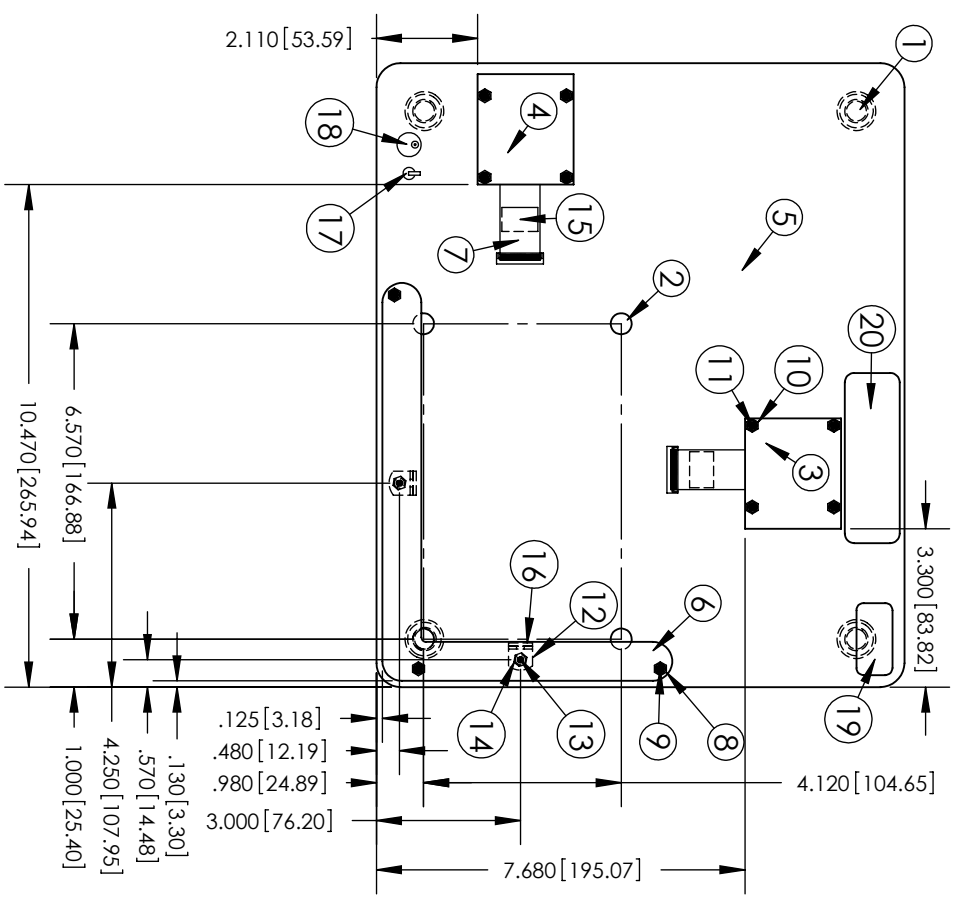
Dimensions:	Vary Based on Sensor Size
Interface	RS-232
Communication Cable	RS-232, TI# 1300210
Operating Temperature	40 to 85°C
Storage Temperature	40 to 85°C
Adapter FFC Repeatability	500 Cycles (Gentle Use)
Supported Operating Systems	Windows XP, Vista and 7
Power Requirements	5.0V Unregulated Power, Typical 60mA



Minimum System Requirements

Processor	Intel Pentium/Celeron, AMD K6/ Athlon or Comparable Processor
Memory	256MB or RAM or Higher (512MB Recommended)
Hard Drive	30MB of Available Disk Space
Operating System	Windows XP, Vista or 7
Communication Cable	Serial/RS232 Port (Or Use a Serial Adapter)
Required Software	.Net Frameworks 2.0 or Greater
Viewing Resolution	VGA Resolution (800 x 600) or Higher

REV	DESCRIPTION	ECO #	DFT	CHK	ENG	DATE

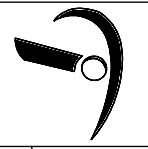


- Notes by Item No.**
- Mounted on FS of item 5
 - Mounted on NS of item 5
 - Mounted on item 10, on NS of item 5
 - Mounted on item 10, on NS of item 5
 - See delivery specification of P:\Quality Assurance\Controlled Documents\Process_Documents\6500336_Rev1_Standard Demo Backer Delivery Specifications
 - See delivery specification of P:\Quality Assurance\Controlled Documents\Process_Documents\6500336_Rev1_Standard Demo Backer Delivery Specifications
 - Attached to items 3 and 4 as shown
 - Mounts item 6 to item 5
 - Mounts items 8 and 10 to item 5, Mounts item 6 to 8
 - Mounts items 3 and 4 to item 5
 - Mounts items 3 and 4 to item 10
 - Mounted on NS of item 5, with the short flange on NS of item 5
 - Mounts item 12 to item 5, on NS of item 5
 - Mounts item 13 to item 5, on FS of item 5
 - Attaches item 7 to item 5
 - Attached to item 12 as shown, on long flange of item 12
 - Mounted on NS of item 5
 - Mounts don NS of item 5
 - Place on NS of item 5
 - Place on NS of item 5, Label should read:

Test Fixture P/N: 88-F-PMC-70-007-TF
For
Sensor P/N: 88-F-PMC-70-007

QTY	ITEM NO	PART NUMBER	DESCRIPTION
1	20	1500163	Test Fixture and Sensor P/N Label
1	19	1500215	Touch International Label
1	18	1500215	CONN PWR JCK 2.0 x 6.6 mm PNL MNT
1	17	1500214	Switch Toggle Mini, 1/4-20 Bushing Thread
2	16	1600186	Poron SS .064 Thk (.5 in. x .5 in./pcs)
2	15	1600230	ADH, DS .062 THK x 1.0 WIDE (.50 in. x .75 in./pcs)
2	14	1500195	#4-40 Hex Nut
2	13	1500146	Screw Pan Head #4-40 x 1/2"
2	12	1500185	L Bracket
8	11	1500191	Screw Pan Head #4-40 x 1/4"
8	10	1500203	Female-Female Hex Standoff #4-40, 1/2" Lg
14	9	1500191	Screw Pan Head #4-40 x 3/8"
3	8	1500203	Female-Female Hex Standoff #4-40, 1" Lg

ITEM NO	PART NUMBER	DESCRIPTION
2	1500288	2" Adaptor Cable Flat Flex 40 Pos .5 mm
1	1900564	P-Cap Test Fixture Slotted Guide Backer
1	1900562 Rev 2.0	P-Cap Test Fixture Backer
1	54-B-PMC-70-007-TF-02 Rev 1.0	7.0" SLAVE CONTROLLER PACKAGE
1	54-B-PMC-70-007-TF-01 Rev 1.0	7.0" MASTER CONTROLLER PACKAGE
4	1500205	CLEAR BUMPON .44 X .20 (FEET)
4	1500155	CLEAR BUMPON .720 X .56 (FEET)



TOUCH INTERNATIONAL
2222 West Rundberg Ln #100
Austin, Texas 78758
512-832-8292

DRAWN Date 2/22/10	DATE	7.0" P-Cap Test Fixture Assembly Drawing
SCALE: NTS	SIZE	PART NO. / DWG. NO.
SHEET 1 of 1	REV.	88-F-PMC-70-007-TF 2.0

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ACAD