

PFTE-1 Pneumatic Finger Tester

Test Method Reference: ASTM 1578 and ASTM 1597

OVERVIEW

This contact tester is designed press and depress switches, buttons, keypads, and membrane switches. This tester can be used for contact testing as well as general mechanical and cosmetic button wear. It uses a silicone finger test probe which conforms to ASTM 1578 and ASTM 1597 Fig. 1 Test Probe Option. Optional Finger Probe ASTM 1597 Fig. 2 is available in a variety of mounting thread options.

A preset number of cycles can be set for automatic stopping of the test once the number of cycles has been completed. A pneumatic air regulator knob allows convenient method to adjust the force of actuation or spring loaded end of arm device can be used for a selection of 3 different load settings.

FEATURES

- Touch screen panel for easy settings
- Define cycle pre-set to control automatic cycle stop
- 3 Spring load selections
- 0 or 15-degree angle adjustment
- Adjustable down stroke velocity via manual control valve
- Set dwell time at end of up and down stroke
- Comes with affordable replaceable silicone finger probes

SPECIFICATIONS

- **Dimensions:** 8-1/2" x 8-1/2" x 15-1/2"
- **Weight:** 18 lbs.
- **Power:** Electric over pneumatic (120v)
- **Cycles per Min.:** Adjustable, factory set at 2 to 3 cycles/sec
- **Load Settings:** 8, 16, 32 ounces via interchangeable spring
- **Clear Sample Area:** 3" from Back Plate to Finger;
Adjustable height. Cylinder mounting easily removable for remote mounting on your own custom fixture.
- **Angle Settings:** 0° & 15°
- **Cycle Preset:** Up to 999,999 cycles

CONSUMABLES

- **FP1-0832** Finger Probe (ASTM 1578/1597) 8-32 Male Thread
- **FP1-1032** Finger Probe (ASTM 1578/1597) 10-32 Male Thread
- **FP2-0540** Finger Probe (ASTM 1578/1597) 5-40 Female Thread
- **FP2-0832** Finger Probe (ASTM 1578/1597) 8-32 Female Thread
- **FP2-1032** Finger Probe (ASTM 1578/1597) 10-32 Female Thread
- **AIR1000** Air Cylinder 3/4" Bore x 1" Stroke
- **Conductive Probes** available upon request



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