

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 12, 2026

FLUKE

Fluke 7-600 Electrical Tester

The updating of embedded software should only be performed after given specific instructions to do so from Technical Support or a Fluke Calibration Authorized Service Center. If the update isn't performed properly, your product may be inoperable until it is.



MODEL

Fluke 7-600

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

7-600

LISTING

<https://aumictechlabs.com/products/7-600-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Fluke 7-600 Electrical Tester is a handheld instrument for voltage, resistance, and continuity measurement in electrical troubleshooting and maintenance. Its automatic mode selection eliminates manual range switching, detecting circuit conditions and selecting AC voltage, DC voltage, resistance, or continuity mode without operator intervention. The meter incorporates voltage detection logic that automatically switches to AC or DC voltage measurement when voltages exceeding 4.5 V are present during ohms or continuity checks, protecting both the instrument and circuit under test.

Technical Specifications

Voltage Measurement AC voltage: 40.00 V, 400.0 V, 600 V DC voltage: 40.00 V, 400.0 V, 600 V Measurement range: Up to 600 V AC/DC Input impedance: Approximately 2 k Ω Resistance & Continuity Resistance range: 400.0 Ω ; up to 2000 Ω or more Continuity testing: Audible and visual indicators Accuracy DC volts: $\pm(1.5\% + 1)$ AC volts: $\pm(2.9\% + 3)$ Ohms: $\pm(1.5\% + 2)$ Safety & Protection Measurement category: CAT III 600 V Overload protection: All measurement modes True RMS capability on select models Physical & Power Dimensions: 142.3 mm L $\times$ 70.5 mm W $\times$ 34.6 mm D Weight: 286 g (10 oz)

Display: Digital Power: 9 V battery (installed) Battery life: 650 hours continuous (alkaline)Key Features Automatic measurement mode selection Voltage detection logic for circuit protection Overload protection across all modes Digital readout for precise measurement display Long battery runtime on standard alkaline cellsTypical Applications Electrical diagnostics, circuit continuity verification, voltage presence detection, and resistance measurement in troubleshooting and maintenance environments.Compatibility & Integration Accepts TL75 Hard Point test leads (included). Optional H5 holster available for belt mounting. Supports specialty probes and clip accessories.

Features & description

From manufacturer datasheet

6003A Firmware Update

Put the CD into the computer, wait for autorun and select "Software installation" and "Uploader" or start direct "install\freeware\uploader".

Details 2

To remove the Uploader software from your system, you should run "uninstall" from "Programs" ("Start → Programs → Uploader → Uninstall Uploader" from the Windows Start menu).

Details 3

1. Connect the calibrator to the computer using an RS232 cable.

Details 4

2. Select RS232 in the instrument menu as the active interface and set the baud rate to 9600 Bd.

Details 5

3. Start the Uploader "Start→Program files→Uploader→Uploader.exe". The following screen will appear:

Details 6

4. Select computers port (COM1 ... COM32) and the source file. The source file is a data file that contains the new firmware with the extension ".upl".

600 Specifications

PARAMETER	VALUE
TITLE	USE WITH
6003A	All

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

TITLE: USE WITH

6003A: All

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Put the CD into the computer, wait for autorun and select "Software installation" and "Uploader" or start direct "install\freeware\uploader".

To remove the Uploader software from your system, you should run "uninstall" from "Programs" ("Start -> Programs -> Uploader -> Uninstall Uploader" from the Windows Start menu).

1. Connect the calibrator to the computer using an RS232 cable.
2. Select RS232 in the instrument menu as the active interface and set the baud rate to 9600 Bd.
3. Start the Uploader "Start->Program files->Uploader->Uploader.exe". The following screen will appear:
4. Select computers port (COM1 ... COM32) and the source file. The source file is a data file that contains the new firmware with the extension ".upl".
6. It is recommended to keep the transfer speed as-is and press "Upload" (in the case of an unsuccessful upload, reduce the transfer speed and try again). The following screen will appear:
7. Uploader automatically reloads all internal programs step by step.
8. After successful upload, the Uploader displays the following:

In the case that the upload does not finish properly (power supply disconnection, failed communication, etc.) the instrument will no longer contain internal software. Switch the instrument's power supply off, wait approximately 10 seconds, and switch it on again. The instrument will display the message "Internal SW damaged!". Repeat the procedure upload. The instrument is switched to RS232, 9600Bd mode automatically.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.