Fluke 753 and 754 Calibrators
Calibrate/troubleshoot process control instrumentation

Fluke 754

New

- Calibrate temperature, pressure, voltage, current, resistance and frequency instruments
- Built-in procedures for transmitters, square root transmitters, pressure and temperature switches
- Simultaneously measure and source
- Automatically capture calibration results
- Document procedures and results to meet ISO 9000, EPA, FDA, OSHA and other requirements
- Measure/simulate 13 types of thermocouples and eight RTDs
- Store up to 8,000 readings in data logging mode
- Protected against dirt, dust and moisture; unaffected by vibration
- Includes a USB interface
- Operate in English, French, German, Italian and Spanish
- One- and two-year calibration cycles and a three-year warranty (one-year for pressure modules)

754: Get HART-ability

The Fluke 754 offers all of the capabilities of the 753, plus the ability to calibrate, maintain and troubleshoot HART instrumentation. Integrated HART communication functions permit you to monitor, control and calibrate HART instrumentation. It handles fast pulsed instruments such as RTD transmitters and PLCs responding to pulses within 1 ms.

753: A complete documenting calibrator

The 753 is a complete multifunction documenting calibrator and includes a PC interface that lets you load procedures, lists and instructions created with software— or unload data for printing, archiving, and analysis. The 753 can hold a full week of calibrations and procedures.

Fluke 753

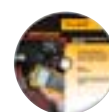### Recommended software

Instrumentation management software

The Fluke 753 and 754 are compatible with Fluke 750SW DPC/TRACK2 software and with software from Cornerstone, Emerson, Honeywell, On Time Support, Prime Technologies, Yokogowa, Intools, Meridium and Beamex.

For more information, visit **www.fluke.com/software**

Recommended accessories

700Pxx
Pressure Modules
See page 39

750SW
DPC/TRACK2 Software

700PTP-1
Pneumatic
Test Pump
See page 61

C799
Field Soft Case
See page 56

Specifications

Functions	Measure	Sourcing
DC voltage	0.020 % reading + 0.005 % full scale	0.01 % output + 0.005 % full scale
DC current	0.01 % reading + 5 µA	0.01 % output + 0.003 mA
Resistance	0.05 % reading + 50 mΩ	0.01 % output + 240 mΩ
Frequency	0 to 50 KHz, ± 0.5 Hz to 1100 Hz	0 to 50 KHz, ± 0.1 Hz to 1099.9 Hz
Thermocouples	0.3 °C	0.2 °C
RTDs	0.3 °C	0.1 °C
Pressure	To 0.025 % of full scale, per pressure module specifications	

Summary specifications: best case, mid-range, one year.
Battery life: Typically over eight hours
Internal battery pack: Li ion 4400 mAh
Battery replacement: Via twist lock fastener without opening calibrator; no tools required
Weight: 1.2 kg (2.7 lb)
Size (HxWxD): 245 mm x 136 mm x 63 mm (9.6 in x 5.4 in x 2.5 in)

Ordering information

Included accessories	Models	
Three sets of stackable test leads, three sets of test probes with three sets of "extended tooth" alligator clips, two sets of hook clips, Li-ion battery pack, battery charger, field soft case, USB communication cable, getting started guide, instruction manual on CD, NIST traceable certificate of calibration, DPC/TRACK2 sample software that enables upload and printing of calibration records. Model Fluke-754 includes HART communication cable.	FLUKE-754	Documenting Process Calibrator-HART
	FLUKE-753	Documenting Process Calibrator
Software media, instruction manual, USB cable.	FLUKE-750SW	DPC/TRACK2 Software

Check price and availability at
www.fluke.com/wtb

For more information, go to **www.fluke.com/754**