

1420 75th St. SW  
Everett, Washington 98203  
USA

# Calibration Certificate



NQA ISO 9001:2000 (10100/2)

Description:	MULTIMETER	Certificate Number:	649084-69920523:1270010324
Manufacturer:	FLUKE	Date of Calibration:	31 March 2010
Model:	70 III	Date of Certificate:	31 March 2010
Serial Number:	69920523	Recommended Due Date:	31 March 2011
Customer Name:		Procedure Name:	
STATE OF WASHINGTON		MFG MANUAL	
City, State:	SEATTLE, WA	Procedure Revision:	7/98
Customer Item ID:	69920523	Data Type:	FOUND-LEFT
PO Number:	CCS	Temperature:	23.00 °Celsius
RMA Number:	4433360	Relative Humidity:	40 %
Result Summary:	PASS		
Received Date:			

The Data type that could be found in this certificate must be interpreted as:

- As-Found - Calibration data collected before the unit is adjusted and/or repaired.
- As-Left - Calibration data collected after the unit is adjusted and/or repaired.
- Found-Left - Calibration data collected without any adjustment and/or repair performed.

This certificate applies only to the item identified and shall not be reproduced other than in full, without the specific written approval by Fluke Corporation. The user is obliged to have the object recalibrated at appropriate intervals.

Comments:

Long Le  
Metrology Technician

**Traceability Information**

For each parameter listed below the calibration was conducted using an unbroken chain of standards to:

**DC Voltage**

The Voltage Reference standard group, traceable to the Fluke Primary Standards Laboratory, which is traceable to the U.S. representation of the volt, through the internationally accepted value of the Josephson constant  $K_j=483597.9$  GHz/V and a 10 Volt Josephson Array Voltage Standard.

**Frequency and Period**

The GPS-Rubidium Disciplined oscillator frequency standard, traceable to the United States Naval Observatory (USNO), which is traceable to the National Institute of Standards and Technology.

**AC Voltage, Resistance, DC Current, AC Current, Capacitance, Inductance, Phase**

The Fluke Primary Standards Laboratory, which is traceable to the National Institute of Standards and Technology.

**AC Voltage Flatness**

The Fluke Primary Standards Laboratory, or Agilent Technologies Standards Laboratory which are traceable to the National Institute of Standards and Technology.

**Humidity**

The Vaisala Measurement Standards Laboratory Primary Salt calibration bath, with traceability based on the physical phenomena in which the equilibrium relative humidity values associated with certain saturated salt solutions are known.

**Rise Time**

The Tektronix GmbH Calibration Laboratory which is traceable to the Physikalisch-Technische Bundesanstalt.

**Radiation Temperature**

The National Institute of Standards and Technology, the Physikalisch-Technische Bundesanstalt, or Hart Scientific.

**Contact Temperature**

The Fluke Primary Standards Laboratory, Hart Scientific, which are traceable to the National Institute of Standards and Technology.

**Gas Flow**

The DHI Calibration Laboratory, which is traceable to the National Institute of Standards and Technology.

**Pressure**

The DHI Calibration Laboratory, which is traceable to the Laboratoire National D'Essais, Physikalisch-Technische Bundesanstalt and National Institute of Standards and Technology, or traceable to the Mensor or Ashcroft Calibration Laboratories, which are traceable to the National Institute of Standards and Technology.

<b>Standards Used</b>
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Asset #	Instrument Model	Cal Date	Cal Due
I0127	FLUKE 5520A CALIBRATOR	29 May 2009	29 May 2010

End of Report