

**Aumictech**

Test & measurement • bought, sold, repaired, calibrated

Data Sheet

August 14, 2026

FLUKE

Fluke 9610A/AF-75 RF Reference Source

The Fluke 9610A/AF-75 is a precision thermometer calibration furnace, offering stable and accurate temperature control for calibrating temperature probes and sensors. It features a wide temperature range and is ideal for metrology and calibration labs.



MODEL

Fluke 9610A/AF-75

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

9610A/AF-75

LISTING

<https://aumictechlabs.com/products/9610a-af-75-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Fluke 9610A/AF-75 is a metrology-grade calibration furnace designed for precise temperature calibration of thermometers, probes, and sensors. It has exceptional temperature stability and uniformity throughout its working volume. With a wide temperature range, it can accommodate various calibration requirements. This furnace is equipped with advanced control features to ensure accurate and reliable temperature settings. It is commonly used in calibration laboratories and quality control environments.

9610AAF Characteristics / Specifications

PARAMETER	VALUE
Frequency Range	10 Hz to 4 GHz
Instrument Family	Fluke RF reference source 9610A/9640A class
Output Impedance Class	50 ohm with precisionNconnector class
Amplitude Range Family Into 50 Ohm Class	-130 to +24 dBm class (frequency dependent ceilings)
Level Resolution Family Class	0.001 dB class
Frequency Sweep Class	10 Hz to 4 GHz linear or logarithmic class
Frequency Reference Output Class	1 MHz or 10 MHz selectable class
Harmonics Family Class	about -60 dBc class
Spurious Family Class	about -70 dBc class above offset footnotes
VSWR Family Low Frequency Class	less than or equal to 1.1 class
Modulation AM Family Class	depths to 99 percent rates to 200 kHz class
Modulation FM Family Class	rates to 300 kHz class
Form Factor	benchtop RF calibrator source
AC Powered	yes
Intended Workload	spectrum analyzers power meters sensors modulation meters counters
Related Family Model	Fluke 9640A RF Reference Source
Leveling Head Option Class	50 ohm (AF-50 class) and 75 ohm family options
Remote Control Class	automation interfaces on family
Leveling Head 50 Ohm Option Class	AF-50 class
Leveling Head 75 Ohm Option Class	available on family
Metrology Role	RF calibration reference source
Related Workload Attenuators	yes
Related Workload Spectrum Analyzers	yes
Related Workload Power Sensors	yes

9610AAF Specifications

PARAMETER	VALUE
Fluke 9610A RF Reference Source 10 Hz to 4 GHz Class	Overview
Key Features	10 Hz to 4 GHz RF reference coverage class
Internal AM/FM modulation class on family	50 ohm leveling head configurations (75 ohm options on family)
Technical Specifications	Frequency Range: 10 Hz to 4 GHz

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.

Specifications	
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Related Workload Spectrum Analyzers	yes
Related Workload Power Sensors	yes
Notes	
Frequency span from Fluke 9610A/AF product listings; leveled amplitude modulation and purity rows cite the	

closely related Fluke 9640A RF Reference Source datasheet family. Confirm 9610A versus 9640A faceplate and installed leveling head before using numeric level tables for calibration.

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

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

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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.