

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 3, 2026

KEYSIGHT

Keysight (Agilent) Z5623A-H01 Dynamic Accuracy Test Set

No photo

MODEL

Keysight Z5623A-H01

CALIBRATION

N/A — off-catalog OEM datasheet

CONDITION

See OEM documentation

STATUS

Not listed on Aumictech inventory

RFQ / SKU

Z5623A-H01

LISTING

Off-catalog — OEM datasheet only

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

Features & description

From manufacturer datasheet

Features

- Dynamic Accuracy Test Set for PNA and PNA-X
- Relative power linearity over ~120 dB dynamic range
- Internal switches and attenuators control amplification/attenuation
- Requires E-Series power meter + thermocouple sensor + algorithm
- GPIB control only (external controller)
- Functional certificate supplied; no internal adjustments; annual cal not required for the test set itself
- AC: 100/120/220/240 V, 50/60 Hz; max power ~40 W

Z5623AH01 Characteristics / Specifications

PARAMETER	VALUE
Model	Z5623A-H01
Manufacturer	Keysight Technologies (Agilent)
Instrument Type	Dynamic Accuracy Test Set
Alias	Z5623A Option H01; Agilent Z5623A-H01 Identification
Base	Z5623A
Dynamic range target	120 dB (relative power linearity / dynamic accuracy) System performance is characteristic and depends on the customer's PNA used with the test set
Control	External GPIB controller only Power
Line	100/120/220/240 V (50/60 Hz), autoranging; $\pm 10\%$ mains fluctuation
Maximum power	40 W Operational Notes Prefer Keysight Z5623A Option H01 User Guide for interconnect diagrams and procedure. Performance depends on external power meter/sensor and PNA.
Attenuation	Requires E-Series power meter + thermocouple sensor + algorithm - GPIB control only (external controller) - Functional certificate supplied; no internal adjustments; annual cal not required for the test set itself - AC: 100/120/220/240 V, 50/60 Hz; m
Power linearity	(dynamic accuracy) when used with an E-Series power meter, thermocouple power sensor, and test algorithm. It is designed for PNA and PNA-X Series network analyzers and targets maximum measurement accuracy over a 120 dB dynamic range via internal swit

Z5623AH01 Specifications

PARAMETER	VALUE
Technical Specifications	Model: Z5623A-H01
Identification	Base: Z5623A
Performance	Dynamic range target: 120 dB (relative power linearity / dynamic accuracy)
Power	Line: 100/120/220/240 V (50/60 Hz), autoranging; ±10% mains fluctuation

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

Specifications

PARAMETER	VALUE
Model	Z5623A-H01
Manufacturer	Keysight Technologies (Agilent)
Instrument Type	Dynamic Accuracy Test Set
Alias	Z5623A Option H01; Agilent Z5623A-H01

Identification

Base: Z5623A
Option: H01

Performance

Dynamic range target: 120 dB (relative power linearity / dynamic accuracy)
System performance is characteristic and depends on the customer’s PNA used with the test set
Control: External GPIB controller only

Power

Line: 100/120/220/240 V (50/60 Hz), autoranging; ±10% mains fluctuation
Maximum power: 40 W

Operational Notes

Prefer Keysight Z5623A Option H01 User Guide for interconnect diagrams and procedure. Performance depends on external power meter/sensor and PNA.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: N/A — off-catalog OEM datasheet. See OEM documentation · Not listed on Aumictech inventory.

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.