

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

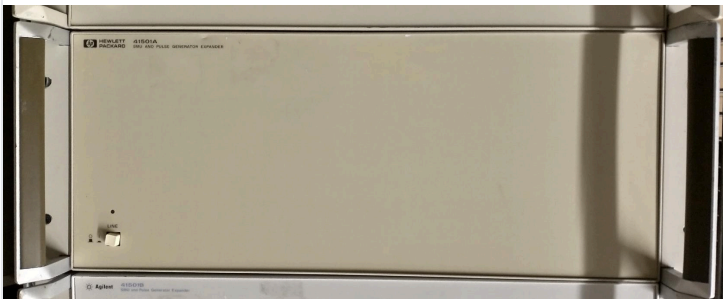
Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 41501-60003

The Agilent/Keysight 41501-60003 is a - component designed for use in electronic testing and measurement systems. This component is engineered to meet the high standards of performance and reliability expected in demanding applications.



MODEL

**Agilent / Keysight
41501-60003**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

41501-60003

LISTING

<https://aumictechlabs.com/products/41501-60003-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Agilent/Keysight 41501-60003 is an SMU and Pulse Generator Expansion Unit that extends the measurement capabilities of 4155 and 4156 series parametric analyzers. This rear-panel expansion module automatically integrates with compatible host instruments, with additional resources appearing as native channels on the instrument's Channel Definition page. The unit supports configurable Source Measure Units (SMUs), Pulse Generator Units (PGUs), and Ground Units (GNDUs) to match specific test requirements across semiconductor characterization, memory device validation, and materials analysis. Technical Specifications Compatibility: Agilent/Keysight 4155A, 4155B, 4155C, 4156A, 4156B, 4156C Source Measure Unit (HPSMU option): ± 200 V, up to 1 A sourcing/sinking Pulse Generator Units (PGUs): Compatible with 16440A SMU/PGU selector for endurance testing Integration: Rear-panel connection with automatic resource recognition at instrument boot-up Key Features Configurable module options pairing GNDUs with PGUs, HPSMUs, or MPSMUs Automatic resource detection eliminates manual

channel mapping Native-level functionality within host instrument software and display Support for Write/Erase endurance cycling on non-volatile memory devices via 16440A integrationTypical Applications DC leakage current and I-V characteristic measurement in semiconductor device development Quasi-static C-V characterization for process and yield analysis Insulation resistance and leakage measurements in materials science Flash memory and non-volatile memory cell endurance testingCompatibility & Integration The 41501-60003 connects directly to the rear panel of 4155/4156 instruments and requires no external configuration - resources are recognized and displayed identically to primary instrument channels. Available configurations include Option 402 (one GNDU, two PGUs), Option 410 (one GNDU, one HPSMU), Option 412 (one GNDU, two PGUs, one HPSMU), and Option 422 (one GNDU, two PGUs, two MPSMUs).

4150160003 Characteristics / Specifications

PARAMETER	VALUE
Model	41501-60003
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight 41501-60003
Sku	41501-60003
Product Class	catalog accessory or spare
Listing Status	published catalog item
Document Class	accessory or spare identity sheet
Numeric Table Status	no public OEM numeric table for this exact SKU
Identity Source	Aumictech product catalog listing
Parent System	as named in the catalog title
Form Factor	accessory or spare hardware
Use Role	replacement or configuration accessory
Electrical Limits	not published for this SKU; see parent instrument datasheet
Mechanical Limits	not published for this SKU; see packing list or faceplate
Interface	as implied by the catalog title and parent family
Configuration Code	41501-60003
Manufacturer Line	Agilent / Keysight
Documentation Note	thin accessory sheet
Calibration Class	notastandalone calibrated instrument unless the title states otherwise
Replacement Class	catalog spare or accessory
Public Spec Density	identity only

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.

performance table. The rows below are verified catalog identity from the product listing. Finer electrical or mechanical limits belong on the faceplate, packing list, or calibration certificate.

Applications

Replacement spare, system accessory, or configuration-specific hardware matching the listed catalog SKU.

Key Features

Catalog identity matched to brand, model, and SKU

Accessory or spare class rather than standalone instrument

No invented electrical performance numbers

Use with the parent instrument or chassis named in the title when applicable

Documented as thin because OEM numeric tables are not public

Technical Specifications

Technical Specifications

PARAMETER	VALUE
Model	41501-60003
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight 41501-60003
Sku	41501-60003
Product Class	catalog accessory or spare
Listing Status	published catalog item
Document Class	accessory or spare identity sheet
Numeric Table Status	no public OEM numeric table for this exact SKU
Identity Source	Aumictech product catalog listing
Parent System	as named in the catalog title
Form Factor	accessory or spare hardware
Use Role	replacement or configuration accessory
Electrical Limits	not published for this SKU; see parent instrument datasheet
Mechanical Limits	not published for this SKU; see packing list or faceplate
Interface	as implied by the catalog title and parent family
Configuration Code	41501-60003
Manufacturer Line	Agilent / Keysight
Documentation Note	thin accessory sheet
Calibration Class	not standalone calibrated instrument unless the title states otherwise
Replacement Class	catalog spare or accessory

PARAMETER	VALUE
Public Spec Density	identity only

Notes
ALLOW_THIN: true accessory/spare with no public numeric table. Do not invent ranges, accuracies, or power levels. Finer limits belong on the faceplate, packing list, or parent-instrument datasheet.

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.