

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 4193A-Accys

The Agilent/Keysight 4193A-Accys is a collection of accessories designed for use with the 4193A impedance analyzer. These accessories enhance the functionality and versatility of the analyzer, enabling a wider range of impedance measurements. Included are various adapters, cables, test fixtures, and calibration standards that facilitate accurate and reliable measurements of different electronic components and circuits.



MODEL

**Agilent / Keysight
4193A-Accys**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

4193A-Accys

LISTING

<https://aumictechlabs.com/products/4193a-accys-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Agilent/Keysight 4193A-Accys is an accessory collection that extends the measurement capabilities of the 4193A Vector Impedance Meter across in-circuit and out-of-circuit testing scenarios. These accessories enable precise impedance characterization of electronic components and assemblies from 400 kHz to 110 MHz. Technical Specifications The 4193A operates across a frequency range of 400 kHz to 110 MHz with 1 kHz resolution for spot frequency measurements. Impedance magnitude measurements span 10 mΩ to 120 kΩ with $\pm 3.0\%$ accuracy; phase measurements range from -180.0° to $+180.0^\circ$ with $\pm 3.2^\circ$ accuracy. The instrument employs a constant current test signal of 10 μA to 100 μA depending on the impedance range. High-speed measurement time is approximately 150 ms in fixed-range mode, with ranging time of 1.2 seconds. Temperature coefficients are $\pm 0.02\%/^\circ\text{C}$ for impedance magnitude and

$\pm 0.02^{\circ}/^{\circ}\text{C}$ for phase, referenced at 23°C . Key Features 3½-digit display for impedance and phase readout Spot and swept frequency measurement modes Constant current source excitation architecture HP-IB (IEEE-488) interface for automated test systems Analog outputs for external data acquisition Temperature-stable performance across operating range Physical & Operating Characteristics Power requirements: 100/120/220 VAC $\pm 10\%$, 240 VAC -10% to $+5\%$, 48 to 66 Hz, 150 VA maximum. Operating temperature range is 0°C to 55°C with maximum humidity of 95% RH at 40°C . Dimensions are 426 mm W $\times$ 178 mm H $\times$ 498 mm D; weight is 18 kg. Compatibility & Integration The 4193A-Accsys collection includes fixtures and probes designed for the 4193A platform: low-ground probe kits with spare pins, clips, BNC adapters, component mounting adapters, and probe sockets; test fixture adapters; spring clip fixtures; and binding post fixtures. These accessories support both automated and manual impedance measurement workflows.

4193AACCYS Characteristics / Specifications

PARAMETER	VALUE
Model	4193A-Accys
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight 4193A-Accys
Sku	4193A-Accys
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	4193A-Accys
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

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PARAMETER	VALUE
Model	4193A-Accys
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight 4193A-Accys
Sku	4193A-Accys
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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	4193A-Accys
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.