

**Aumictech**

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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 34103A

Agilent/Keysight 34103A Overview This listing is a catalog accessory or spare in the Agilent / Keysight catalog. Public OEM literature for this exact SKU does not publish a dense numeric 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.



MODEL	CALIBRATION
Agilent / Keysight 34103A	Available on request
CONDITION	STATUS
Used	In stock
RFQ / SKU	LISTING
34103A	https://aumictechlabs.com/products/34103a-2/

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Agilent/Keysight 34103A is a low-thermal shorting plug a convenient and reliable short for precision low-resistance measurements. Engineered exclusively for the Keysight 34420A Nano Volt/Micro Ohm Meter, this accessory minimizes thermal electromotive forces - a critical requirement when working with highly sensitive nano-volt and micro-ohm level measurements. The plug connects directly to the 34420A mating connector, enabling accurate short-circuit termination without introducing measurement errors from thermal drift.

Technical Specifications
Accessory Type: Low Thermal Shorting Plug
Compatible Instrument: Keysight 34420A Nano Volt/Micro Ohm Meter
Connector Interface: 34420A mating connector
Weight: 3.00 lbs
Product Series: 34000 Series
Key Features
Minimizes thermal electromotive forces for stable, drift-free measurements
Dedicated design for nano-volt and micro-ohm measurement applications
Direct

mating with 34420A connector - no adapters required Typically included with 34420A instrument shipment

Typical Applications Low-resistance measurement verification and calibration Thermal reference establishment in sensitive DC measurements System validation for nano-volt measurement circuits Contact resistance characterization

Compatibility & Integration The 34103A is exclusively compatible with the Keysight 34420A Nano Volt/Micro Ohm Meter. This accessory integrates as a standard component of the 34420A system and mates directly to the instrument's connector without requiring additional cabling or adapters. The low-thermal design ensures measurement integrity across the full range of the 34420A's sensitivity specifications.

34103A Characteristics / Specifications

PARAMETER	VALUE
Model	34103A
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight 34103A
Sku	34103A
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	34103A
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	34103A
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight 34103A
Sku	34103A
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	34103A
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

788 S 500 E, Pleasant Grove, UT 84062
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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.