

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight Y1131A

Agilent/Keysight Y1131A 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

**Agilent / Keysight
Y1131A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

Y1131A

LISTING

**[https://aumictechlabs.c
om/products/y1131a-2/](https://aumictechlabs.com/products/y1131a-2/)**

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Agilent/Keysight Y1131A is a verification and diagnostic toolset for the Keysight 34980A Multifunction Switch/Measure Unit. It delivers relay failure troubleshooting and system maintenance prediction across compatible switching modules, reducing production downtime and test system diagnostic time. Technical Specifications The Y1131A comprises software and hardware components. Hardware includes custom-designed terminal blocks with pre-wired 9-pin ribbon cables terminating in D-Sub connectors that route signals and isolate individual relays during verification and diagnostic procedures. These blocks connect directly to modules installed in the 34980A mainframe. Diagnostic capabilities encompass detection of relay shorts, opens, and single-sided shorts on differential channels. The software isolates failures to specific channels or relays depending on test methodology and failure density. Test results export to CSV

format for documentation and analysis.

Key Features

- Module-specific differential testing across all multiplexer and matrix channels
- Repeatable measurement channel isolation methodology
- Pass/fail indication with fault localization to individual relays or channels
- CSV-formatted result storage and reporting
- Hazardous voltage protection: rated for inputs to maximum module specifications; voltages exceeding 30 Vrms, 42.4 Vpeak, and 60 Vdc require extreme caution per IEC 61010-1

Typical Applications

- Relay verification and predictive maintenance on production test systems.
- Identification of switching faults prior to field deployment.
- Troubleshooting of 34980A switching module failures in established test benches.

Compatibility & Integration

Required host unit: Keysight 34980A Multifunction Switch/Measure Unit with optional Digital Multimeter (DMM) module installed. Supported switching modules include 34921A, 34922A, 34923A, 34924A, 34925A, 34931A, 34932A, 34933A, 34937A, and 34938A. Configuration Y1131A/001 includes a verification board for multiplexer modules 34921A, 34923A, and 34925A.

Y1131A Characteristics / Specifications

PARAMETER	VALUE
Model	Y1131A
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight Y1131A
Sku	Y1131A
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	Y1131A
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	Y1131A
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight Y1131A
Sku	Y1131A
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	Y1131A
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
sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

NIST-traceable calibration · SAM registered ·
30-day returns
NAICS 423690 · 811210 · 541380
Generated August 15, 2026

Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.