

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

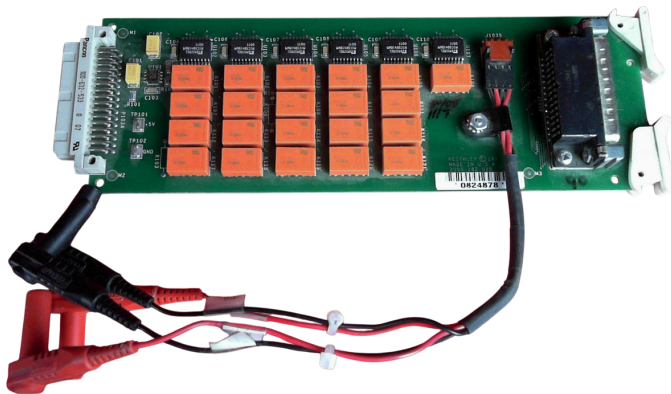
Data Sheet

August 15, 2026

KEITHLEY

Keithley 2000-182-02B

The Keithley 2000-182-02B is a 6.5-digit digital multimeter engineered for high-precision measurements in R&D, automated test systems, production, and quality control environments. This half-rack instrument delivers DC voltage accuracy of 0.002% and DC resistance accuracy of 0.008% over a 90-day interval, with measurement speeds up to 2000 readings/second at 4.5 digits or 50 triggered readings/second at full 6.5-digit resolution over IEEE-488. Math functions: mX+b, min/max/average/standard deviation, limit test, percent, and null/relative. Aumictech offers NIST-traceable calibration and repair for the Keithley 2000-182-02B. Calibration covers DC voltage accuracy at all ranges, AC voltage (True RMS) accuracy at 50 Hz, 1 kHz, and 10 kHz, DC current accuracy, resistance accuracy at all decade ranges, frequency accuracy, and diode test voltage. Fluke 87V and 289 also include capacitance and

**MODEL****Keithley 2000-182-02B****CALIBRATION****Available on request****CONDITION****Used****STATUS****In stock****RFQ / SKU****2000-182-02B****LISTING**<https://aumictechlabs.com/products/2000-182-02b-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keithley 2000-182-02B is a 6.5-digit digital multimeter engineered for high-precision measurements in R&D, automated test systems, production, and quality control environments. This half-rack instrument delivers DC voltage accuracy of 0.002% and DC resistance accuracy of 0.008% over a 90-day interval, with measurement speeds up to 2000 readings/second at 4.5 digits or 50 triggered readings/second at full 6.5-digit resolution over IEEE-488. Technical

Specifications The meter measures DC voltage from 100 nV to 1 kV and AC voltage (RMS) from 0.1 μ V to 750 V (1000 V peak). Current measurement spans 10 nA to 3 A DC and 1 μ A to 3 A AC (RMS). Resistance measurements operate in both two-wire and four-wire modes from 100 $\mu\Omega$ to 120 M Ω . Frequency and period measurements cover 3 Hz to 500 kHz. Temperature sensing supports Type J, K, and T thermocouples and RTDs, with Type K range from -200°C to $+1372^{\circ}\text{C}$. AC voltage accuracy is specified at 0.05% (90-day basic). The instrument changes ranges in less than 30 ms and functions in 45/s. Input protection includes 1000 V across DCV, resistance, temperature, continuity, and diode test functions on all ranges; ACI protection uses a 3 A, 250 V fuse; ACV accepts 1000 V peak with maximum 400 V DCV on any ACV range.

Key Features

- Continuity testing with adjustable 1 Ω to 1000 Ω threshold
- Diode test and peak spike detection
- (high and low) dB/dBm, ratio, and crest factor measurements
- Time stamp capability for data logging
- Math functions: $mX+b$, min/max/average/standard deviation, limit test, percent, and null/relative
- SCPI programming with Keithley 196/199 and Fluke 8840A/8842A emulation modes
- IEEE-488.2 (GPIB) and RS-232C interfaces
- Universal 90–134 V and 180–264 V AC power (50 Hz / 60 Hz)

Typical Applications Production testing, quality control, component verification, and multipoint automated measurements.

Compatibility & Integration Optional plug-in scanner cards such as the 2000-SCAN (10-Channel) enable multipoint measurements. The meter integrates with Keithley's 7000 Series switch matrices and cards for systems exceeding ten measurement points.

200018202B Characteristics / Specifications

PARAMETER	VALUE
Model	2000-182-02B
Brand	Keithley
Catalog Title	Keithley 2000-182-02B
Sku	2000-182-02B
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	2000-182-02B
Manufacturer Line	Keithley
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	2000-182-02B
Brand	Keithley
Catalog Title	Keithley 2000-182-02B
Sku	2000-182-02B
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	2000-182-02B
Manufacturer Line	Keithley
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.