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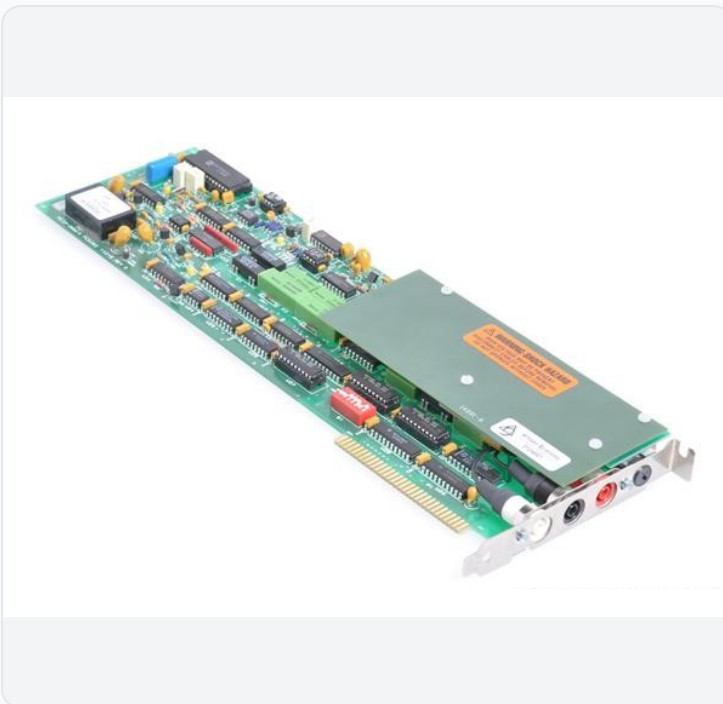
**Data Sheet**

August 13, 2026

KEITHLEY / METRABYTE

# Keithley / MetraByte PCIP-DMM 4.5-Digit Multimeter

Applications PC-based 4.5-digit DMM without a bench instrument Isolated voltage measurements in ISA industrial PCs Spreadsheet logging via ASCII (DMM/A firmware) Teaching-lab PC DMM Key Features Galvanic isolation from the PC IEC recessed safety jacks Pop-up TSR-style display 120 Vac input protection class PCIP-DMM/A adds background logging Technical Specifications Model: PCIP-DMM Manufacturer: Keithley MetraByte Instrument Type: ISA plug in 4.5 digit digital multimeter Alias: PCIP-DMM; PCIPDMM Host Bus: ISA 8 bit (IBM PC/XT/AT; PS/2 25/30 class) Resolution: 4.5 digits Isolation: fully isolated from computer and line power Input Jacks: three IEC recessed safety jacks Jack Spacing: 0.

**MODEL****Keithley /  
MetraByte PCIP-  
DMM****CALIBRATION****Available on  
request****CONDITION****Used****STATUS****In stock****RFQ / SKU****PCIP-DMM****LISTING**<https://aumictechlabs.com/products/pcip-dmm-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

## This unit

The Keithley/MetraByte PCIP-DMM is a 4.5-digit digital multimeter installed directly into an ISA-bus compatible computer I/O slot. It eliminates the need for a separate front panel by leveraging the host computer's display and input devices while maintaining electrical isolation from both the computer and line power. The instrument operates in manual or program modes via ASCII

commands, supporting automatic or manual data logging of up to 999,999 readings at programmable intervals ranging from 0.5 seconds to 99.9 minutes. Measurements are saved to ASCII files for spreadsheet and presentation software integration, with background operation capability. Technical Specifications Resolution: 4.5-digit Measurement Functions: AC voltage, DC voltage, AC current, DC current, and resistance (true RMS for AC readings) Maximum Input Voltage: 200 V DC; 200 V peak AC Maximum Input Current: 0–5 A, 42 V peak Open Circuit Voltage (resistance measurement): < 3.5 V across all ranges AC Crest Factor: Up to 3:1 allowable Settling Time: 1 second to 3 counts final reading (DC voltage); 2 seconds to 3 counts final reading (AC voltage) Data Logging Capacity: Up to 999,999 readings at programmable intervals Key Features True RMS AC measurement capability Programmable data logging with variable sampling intervals ASCII file export for post-measurement analysis Background operation mode for continuous monitoring Isolated measurement front-end from computer and mains Standard 3/4-inch spaced banana jack connectors ISA-bus integration reduces hardware footprint and programming overhead Typical Applications Automated test systems requiring integrated multimeter functionality; long-duration data acquisition with interval-based logging; PC-based measurement automation in laboratory and manufacturing environments. Compatibility & Integration Installs directly into ISA-compatible I/O slots. Controlled via ASCII command set, functioning identically to GPIB instruments from a software perspective. Requires qualified personnel for operation due to electrical isolation requirements and voltage/current handling specifications.

## PCIPDMM Characteristics / Specifications

| PARAMETER              | VALUE                                                                                                                                                                                                                                                                           |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model                  | PCIP-DMM                                                                                                                                                                                                                                                                        |
| Manufacturer           | Keithley MetraByte                                                                                                                                                                                                                                                              |
| Instrument Type        | ISA plug in 4.5 digit digital multimeter                                                                                                                                                                                                                                        |
| Alias                  | PCIP-DMM; PCIPDMM                                                                                                                                                                                                                                                               |
| Host Bus               | ISA 8 bit (IBM PC/XT/AT; PS/2 25/30 class)                                                                                                                                                                                                                                      |
| Resolution             | 4.5 digits                                                                                                                                                                                                                                                                      |
| Isolation              | fully isolated from computer and line power                                                                                                                                                                                                                                     |
| Input Jacks            | three IEC recessed safety jacks                                                                                                                                                                                                                                                 |
| Jack Spacing           | 0.75 inch standard                                                                                                                                                                                                                                                              |
| Input Protection       | 120 Vac class on voltage/current inputs                                                                                                                                                                                                                                         |
| Display                | PC screen pop-up (about one third of screen)                                                                                                                                                                                                                                    |
| Functions              | DCV, ACV, ohms, current (bench DMM class)                                                                                                                                                                                                                                       |
| Related Successor      | PCIP-DMM/A                                                                                                                                                                                                                                                                      |
| Logging On Base        | not the /A background logger                                                                                                                                                                                                                                                    |
| Software               | keyboard or mouse programmed display                                                                                                                                                                                                                                            |
| Form                   | 8-bit ISA card with rear jacks                                                                                                                                                                                                                                                  |
| Calibration            | software/board family                                                                                                                                                                                                                                                           |
| Operating System Class | DOS pop-up                                                                                                                                                                                                                                                                      |
| Safety Jacks           | IEC approved recessed                                                                                                                                                                                                                                                           |
| Polarity               | automatic                                                                                                                                                                                                                                                                       |
| Overload               | protected voltage/current inputs class                                                                                                                                                                                                                                          |
| Terminal Compatibility | standard 0.75 inch spaced probes and leads                                                                                                                                                                                                                                      |
| Slot Type              | 8 bit ISA I/O slot Notes Identity from Keithley MetraByte PCIP-DMM/A user manual family introduction (4.5-digit ISA DMM, isolated, IEC jacks). Range/accuracy tables belong on the PCIP-DMM instruction sheet; PCIP-DMM/A adds ASCII logging. Confirm /A suffix on the bracket. |

# 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.

| Specifications    |                                              |
|-------------------|----------------------------------------------|
| Specifications    |                                              |
| PARAMETER         | VALUE                                        |
| Model             | PCIP-DMM                                     |
| Manufacturer      | Keithley MetraByte                           |
| Instrument Type   | ISA plug in 4.5 digit digital multimeter     |
| Specifications    |                                              |
| PARAMETER         | VALUE                                        |
| Alias             | PCIP-DMM; PCIPDMM                            |
| Host Bus          | ISA 8 bit (IBM PC/XT/AT; PS/2 25/30 class)   |
| Resolution        | 4.5 digits                                   |
| Specifications    |                                              |
| PARAMETER         | VALUE                                        |
| Isolation         | fully isolated from computer and line power  |
| Input Jacks       | three IEC recessed safety jacks              |
| Jack Spacing      | 0.75 inch standard                           |
| Specifications    |                                              |
| PARAMETER         | VALUE                                        |
| Input Protection  | 120 Vac class on voltage/current inputs      |
| Display           | PC screen pop-up (about one third of screen) |
| Functions         | DCV, ACV, ohms, current (bench DMM class)    |
| Specifications    |                                              |
| PARAMETER         | VALUE                                        |
| Related Successor | PCIP-DMM/A                                   |
| Logging On Base   | not the /A background logger                 |
| Software          | keyboard or mouse programmed display         |

### Specifications

| PARAMETER              | VALUE                          |
|------------------------|--------------------------------|
| Form                   | 8-bit ISA card with rear jacks |
| Calibration            | software/board family          |
| Operating System Class | DOS pop-up                     |

### Specifications

| PARAMETER    | VALUE                                  |
|--------------|----------------------------------------|
| Safety Jacks | IEC approved recessed                  |
| Polarity     | automatic                              |
| Overload     | protected voltage/current inputs class |

Terminal Compatibility: standard 0.75 inch spaced probes and leads

Slot Type: 8 bit ISA I/O slot

#### Notes

Identity from Keithley MetraByte PCIP-DMM/A user manual family introduction (4.5-digit ISA DMM, isolated, IEC jacks). Range/accuracy tables belong on the PCIP-DMM instruction sheet; PCIP-DMM/A adds ASCII logging. Confirm /A suffix on the bracket.

### Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: [sales@aumictech.com](mailto:sales@aumictech.com) · +1 (484) 841-9341

#### Aumictech

788 S 500 E, Pleasant Grove, UT 84062  
[sales@aumictech.com](mailto:sales@aumictech.com) · +1 (484) 841-9341  
<https://aumictechlabs.com>

NIST-traceable calibration · SAM registered ·  
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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.