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Data Sheet

August 12, 2026

JDSU

JDSU MAP-230 mainframe only tested

The JDSU MAP-230 is a compact, three-slot modular mainframe for optical network testing and validation. This benchtop instrument accepts hot-swappable instrumentation cassettes, enabling flexible configuration for component characterization, network validation, and signal analysis across diverse optical applications. Built on PowerPC architecture with Linux-based firmware, the MAP-230 automatically identifies installed modules and delivers stable platform performance for high-precision optical measurements. The mainframe measures 49.6 × 14.9 × 42.0 cm, weighs 6.8 kg, and supports optional 19-inch rack-mount configuration. It operates over 0 to 50°C and tolerates mains supply voltage fluctuations not exceeding 10% of nominal.

Compatibility & Integration Full compatibility with all released MAP-200 instrumentation modules. Previous-generation MAP modules require transition kit for MAP-20



MODEL

JDSU MAP-230

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

MAP-230

LISTING

<https://aumictechlabs.com/products/map-230-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The JDSU MAP-230 is a compact, three-slot modular mainframe for optical network testing and validation. This benchtop instrument accepts hot-swappable instrumentation cassettes, enabling flexible configuration for component characterization, network validation, and signal analysis across diverse optical applications. Built on PowerPC architecture with Linux-based firmware, the MAP-230 automatically identifies installed modules and delivers stable platform performance for

high-precision optical measurements. The mainframe measures 49.6 × 14.9 × 42.0 cm, weighs 6.8 kg, and supports optional 19-inch rack-mount configuration. It operates over 0 to 50°C and tolerates mains supply voltage fluctuations not exceeding 10% of nominal.

Technical Specifications

Model: JDSU MAP-230 / MAP-230B **Capacity:** 3 single-slot modules **Processor:** PowerPC architecture **Operating System:** Linux-based firmware with automatic module detection **Power Supply:** Field-replaceable controller/power-supply module **Altitude Rating:** Tested and certified to 2,000 m **Mains Supply Tolerance:** ±10% of nominal voltage **Operating Temperature:** 0 to 50°C **Storage Temperature:** -30 to 60°C **Humidity:** 15–80% RH, non-condensing (0 to 40°C)

Standards Compliance: LXI Class C **Key Features** Hot-swappable cassette architecture for rapid test configuration Remote control via GPIB, USB, or Ethernet (10/100/1000Base-T) LXI Ethernet-based instrument control External monitor support via DVI or optional purpose-built keypad/display module (MAP-200BKD or MAP-200KD) Local capacitive touch-screen control or remote VNC client operation IVI-compliant drivers supporting LabVIEW, LabWindows, Visual C++, and Visual Basic **Compatibility & Integration** Full compatibility with all released MAP-200 instrumentation modules. Previous-generation MAP modules require transition kit for MAP-200 mainframe integration. Supports USB peripherals (keyboard, mouse, memory stick) and standard DVI-connected displays.

Features & description

From manufacturer datasheet

Features

- Module slots: 3
- Platform: MAP-200 / MAP Multiple Application Platform
- Height class: 3U benchtop (MAP-200 family)
- Hot-swappable instrumentation modules/cassettes
- Module classes: sources, OPM, switches, EDFA, attenuators, tunable filters, receivers, transmitters, utility, backreflector, etc.
- Interfaces (MAP-230B class literature): USB, GPIB, Ethernet 10/100/1000Base-T; DVI external display
- Controller class (230B): PowerPC, Linux; ~200 MB user flash
- Power (230B class): 100–240 VAC, 50/60 Hz; ~285 VA
- Size class (230B): 29.2 × 14.9 × 42.0 cm
- Operating temp class: 0 to 50 °C
- Local/remote interlock supported on MAP-200 mainframes

Applications

- Modular optical component and network element test
- Lab / manufacturing MAP cassette hosting
- Automated optical test with GPIB/USB/Ethernet

MAP230 Characteristics / Specifications

PARAMETER	VALUE
Model	MAP-230
Manufacturer	JDSU
Instrument Type	Optical Test Mainframe
Alias	MAP-230; JDSU MAP-230; MAP-230B class
Slots	3
Platform	MAP-200 / MAP Multiple Application Platform
Form	3U benchtop
AC input class	100–240 VAC
Power class	285 VA Notes Listing is mainframe only—confirm MAP-230 vs MAP-230B faceplate and installed modules. Controller/I/O numbers from MAP-230B/MAP-200 family literature where MAP-230-specific tables are sparse.
Module slots	3
Height class	3U benchtop (MAP-200 family)
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Size class (230B)	29.2 × 14.9 × 42.0 cm
Operating temp class	0 to 50 °C

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	MAP-230
Manufacturer	JDSU
Instrument Type	Optical Test Mainframe
Alias	MAP-230; JDSU MAP-230; MAP-230B class

Specifications

PARAMETER	VALUE
Slots	3
Platform	MAP-200
Form	3U benchtop
AC input class	100-240 VAC
Power class	285 VA

Notes
Listing is mainframe only-confirm MAP-230 vs MAP-230B faceplate and installed modules. Controller/I/O numbers from MAP-230B/MAP-200 family literature where MAP-230-specific tables are sparse.

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.