

KEYSIGHT TECHNOLOGIES (AGILENT HP)

8163B

The Keysight (formerly Agilent) 8163B is a modular lightwave multimeter mainframe designed for optical component testing. It provides two module slots and supports a variety of plug-in modules, including power meters, return loss modules, compact tunable lasers, and fixed laser sources, making it a flexible platform for optical test and measurement setups.

SPECIFICATIONS

General

Interfaces	GPIO
Display	Monochrome display

Physical

Power Supply	100 to 240 VAC, 50/60 Hz
Operating Temperature	0 to 45 °C
Dimensions (W×H×D)	212.6 x 88 x 345 mm
Weight	4.2 kg

Mainframe & System Architecture

Number of Module Slots	2
Compatible Module Types	Power modules, return loss modules, compact tunable lasers, fixed laser sources
Built-in Applications	Return Loss, Passive Component Test, Stability, Logging

Environmental

Storage Temperature	-40 °C to +70 °C
Maximum Operating Altitude	2000 m
Pollution Degree	2
Overvoltage Category	II

Power

Maximum Power Consumption	130 VA
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Software & Control

Programming Language	SCPI
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Compliance

Safety Compliance	IEC 61010-1, EN 61010-1, CAN/CSA-C22.2 No. 61010-1
EMC Compliance	IEC 61326-1, EN 61326-1

TECHNOLOGY

Lightwave Multimeter

APPLICATIONS

Optical component test

Generated by SpecAtlasHub (specatlashub.com). Specifications are compiled from available sources and are subject to change — verify critical values against the manufacturer before purchase.