

KDX1000 Test System Specifications

	KDX 1000 Automated test system
Source Wavelength	850nm and 1300nm multimode, 1310nm and 1550nm singlemode
Source type	Multimode - LED or Laser, singlemode - Laser, cooled or uncooled
Output level	-20dBm LED, -3dBm laser
Stability	± 0.05dB / hour at 23°C
Spectral FWHM	Typical 3nm singlemode, 50nm multimode
Stabilisation time	15 minutes from power up
Optical connector	Standard FC/PC, APC for return loss unit
Power meter wavelength	850nm / 1300nm / 1310nm / 1550nm standard
Measurement range	+10 to -70dBm
Measurement Accuracy	± 5% at 23°C
Display	4 Digit custom, displays dBm, dB, Watts, wavelength
Resolution	0.01dB
Optical Connector	Adaptor caps for FC/PC, ST, SC, Diamond etc.
Return Loss Module	70dB (singlemode)
Automated software	Multimode patchcord testing, singlemode patchcord testing and long term testing (logging) software available
Temperature range	0 - 50°C
Case style	19" rack, modular
Communication	RS232 standard
Power requirement	230V ac 50/60 Hz

KDX1000 Test System Ordering information

KDX1000 Test System

KDX1000 Power meter including mainframe.
 KDX0850 850nm LED, stabilised source.
 KDX1300 1300nm LED, stabilised source.
 KDX8513 850nm / 1300nm LED, dual stabilised source.
 KDX1310 1310nm Laser, stabilised source.
 KDX1550 1550nm Laser, stabilised source.
 KDX1315 1310 / 1550nm Laser, stabilised source.
 KDX1310C 1310nm Laser, cooled stabilised source.
 KDX1550C 1550nm Laser, cooled stabilised source.
 KDX1315C1310 / 1550nm Laser, cooled stabilised source.
 KDX1315R Return loss option.
 KDXDET1M Dual matched detector input (850nm).
 KDXDET2M Dual matched detector input (1310 / 1550nm).
 KDX0635 Visible laser source (cooled).
 KDXALTSM Automated Loss Test Software Multimode.
 KDXALTSS Automated Loss Test Software Singlemode.
 KDXALTSL Automated Loss Test Software Logging.

Other Products available from KD Optics:

Single and Multimode Power meters
 Laser and LED sources
 Loss Test Sets
 Visible Light Sources
 Optical Talk sets
 Cooled laser sources
 Optical data logging and Device alignment test sets
 Thermo Electric Cooler (TEC) controllers

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