ODS - 04
Diagnostic Set

Description:

The OPTOKON Diagnostic Set includes two test equipments - Light source and Power meter. Both instruments are housed in a hard carry case that meets the requirement of fiber optic networks installation and maintenance teams, who require rugged and lightweight fiber optic test equipment that combines high performance with ease of use and reliable operation.

The Diagnostic Set allows traceable measurements on dual wavelength and data storage to the PC and is comprised of these measurement instruments:

- **LS-800**   **Optical Light Source**
- **PM-800**   **Optical Power Meter**

Measuring Equipment:

LS-800   Optical Light Source

- Small size, light weight
- Modulation CW, 270 Hz, 1 kHz, 2 kHz
- AWD function (Auto Wavelength Detection)
- Changeable output connectors
- Battery status indicator
- Up to 7 light source combinations
- Premium type – high power source
- Powered by 3 AA type batteries
- Battery charging via USB port, μP controlled
- Battery status indicator
- 10 min Auto Off

LS-800-P2-FC-LED30/LD31-55

PM-800   Optical Power Meter

- Small size, light weight
- InGaAs or Si photodetector
- High input power version
- Detection of modulation 270 Hz, 1 kHz, 2 kHz
- AWD (Auto Wavelength Detection) function
- Two levels high capacity memory:
          Cable No., Fiber No.
- SmartProtocol PC software
          memory download
          reporting solution
- Firmware upgrade via USB
- S/N displayed during switch on
- Displayed units: dBm, dB, W
- High dynamic range
- Absolute and Relative optical power measurement
- 10 min Auto Off
- Simple and fast calibration

PM-800

Application:

- Insertion loss testing
- Absolute power measurements
- Dual wavelength testing
- Receiver sensitivity testing
- Telecom installation & operation
- Datacom/LAN installation & maintenance

Standard package:

Description	Quantity	Note
Hard carry case, type TE-HC-03E	1	for two instruments, 265x280x95 mm
Instruments	2	according to customer order
AC/DC adapter	1	Power charging adapter
Master patchcord	2	according to customer order
Master adapters	2	according to customer order
Visible Pen	1	VSP-03-250
Manual	2	English version

Relevant documents:

Please use the following datasheets to define the appropriate test equipment, testing patchcords and adapters:

TEQ_02-09_EN-LS800	Light Source
TEQ_01-09_EN-PM800	Power Meter
TEQ_04-09_EN-LS830-FTTX	FTTX Light Source
TEQ_03-09_EN-PM830-FTTX	FTTX Power Meter
TEQ_01-11_EN-VSP-03	Visual Pen
CON_07-02_EN-Master_Patchcord	Master patchcords
ADP_01-01_EN-FC_adapters	Master adapters