

OT-2-4 MULTICHANNEL OPTICAL TESTER



The OT-2-4 is designed for measurement of attenuation change in optical fibers and cables, passive optical components under mechanical and temperature testing.

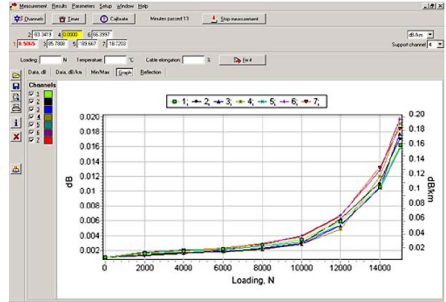
The tester consists of two modules:

- a laser source;
- a multichannel power meter.

The instrument provides simultaneous measurement of optical power levels in each optical channel (dBm), measurement of attenuation change (dB), calculation of fiber attenuation coefficient change (dB/km).

The usage of an external reference optical channel enables high measurement accuracy and long-term stability of the instrument.

The OT-2-4 operating control, representing, storing and data processing are provided by an IBM PC under the Windows95/98/NT.



Specifications

Number of measurement channels		17 (7)
Wavelength, nm		1310±20 или 1550±20
Output optical power, dBm		-23
Resolution, dB		0.001
Uncertainty of measurement of attenuation change, dB		<0.01
Attenuation measurement range, dB		0...20
Input power range, dBm		-40...-18.5
Uncertainty of optical power measurement, %		<10
Optical source stability, dB:		
	- 15 min	0.005
	- 1 h	0.01
	- 8 h	0.03
Dimensions, mm		293×255×60/293×255×60
Weight, kg		5/5