

OT-2-5/PM POWER METER, OT-2-5/LS LASER SOURCE



The universal OT-2-5 Optical Tester refers to a new generation of digital optical test equipment for high accuracy measurement of optical power in optical fibers.

The OT-2-5 consists of:

- OT-2-5/LS Optical Laser Source with high stability;
 - OT-2-5/PM Optical Power Meter allowing measurement of optical power and attenuation in a fiber-optic communication link with high precision.
- The instrument has a wide set of service functions such as:
- storage of measurements results in a non-volatile memory with a time and date stamp of measurements;
 - power meter operating control by a PC;
 - reading and viewing of measurement data on a PC;
 - calendar and real time clock;

- LCD contrast adjustment;
- low battery indicator;
- auto turning-off.

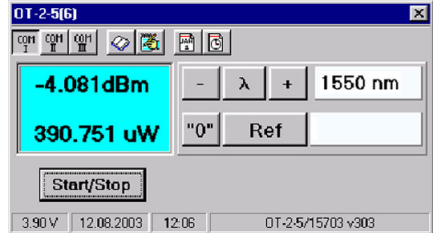
The OT-2-5/LS can operate in a continuous mode and a pulsed mode with a modulation frequency of 2 kHz.

The OT-2-5/PM provides measurements in the wavelength ranges of 850, 1310 and 1550 nm.

For higher accuracy the wavelength of the measured optical power can be adjusted near the central wavelength over the range of ± 40 nm with a step of 10 nm.

The instrument has an intuitive and friendly interface, a convenient keyboard and is protected by a compact, strong and appropriate IP-65 case.

The OT-2-5/LS and OT-2-5/PM are ideal instruments for measurements in field conditions.



Specifications

OT-2-5/LS						
Fiber type	MM			SM		
Wavelength, nm	850 \pm 30	1310 \pm 30	850 \pm 30/ 1310 \pm 30	1310 \pm 30	1550 \pm 30	1310 \pm 30/ 1550 \pm 30
Power, dBm	>-2	>-2	>-3	>-4	>-4	>-5
Stability (15 min), dB	\pm 0.05	\pm 0.05	\pm 0.05	\pm 0.05	\pm 0.05	\pm 0.05
OT-2-5/PM						
Photodiode	InGaAs, 1mm					
Wavelength, nm	850			1310, 1550		
Power range, dBm	+3...-60			+3...-65		
Uncertainty, dB	0.33			0.22		
Linearity, dB	0.17			0.11		
Resolution, dBm	0.01					
Dimensions, mm	173 \times 85 \times 36					
Weight, kg	0.4					
Power Supply	rechargeable batteries 3xAA/-220V					

Certificates of Belarus, Russia, Ukraine, Kazakhstan

