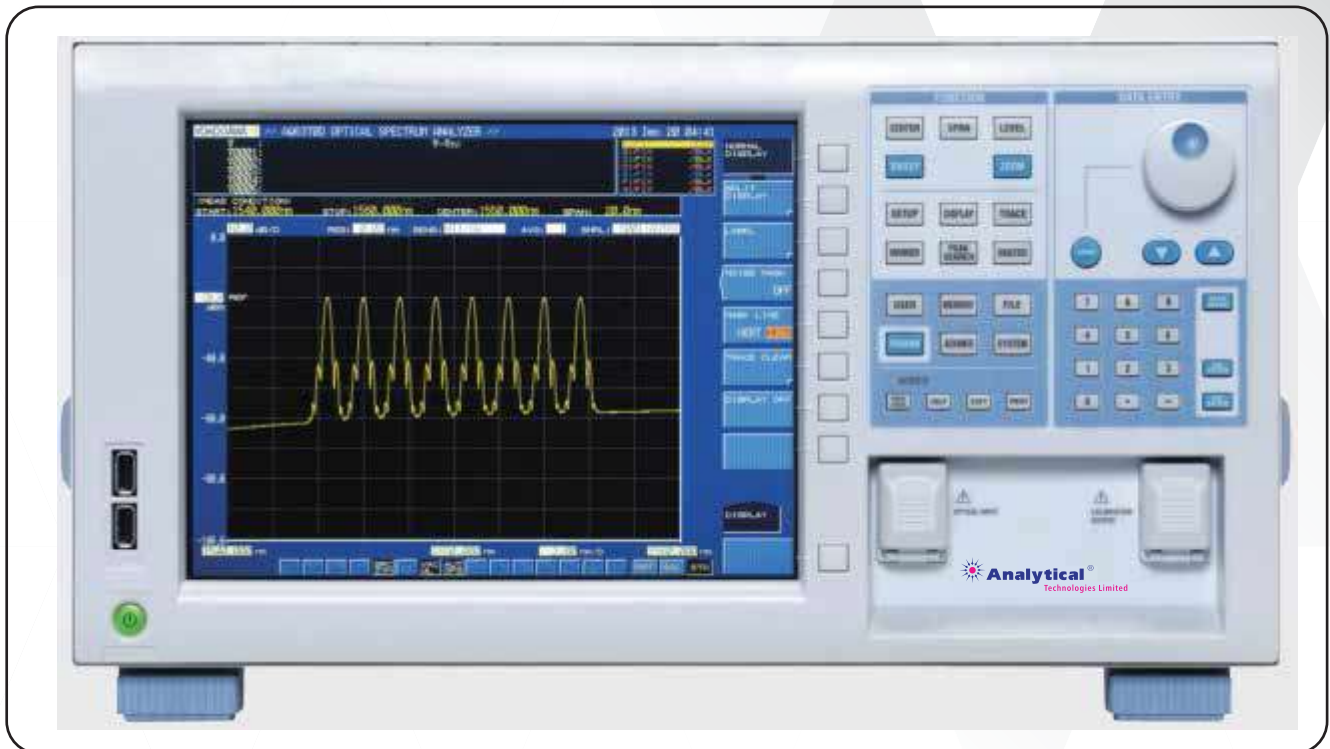


Optical Spectrum Analyzer OSA-6370D



►►► Description:

Reliability – The most trusted OSAs in the world thanks to their unmatched measurement accuracy, robustness and proven quality.

Performance – Best in class, state of the art and high-precision instruments that keep pace with the ever changing and fast evolving optical technology.

Expertise – For more than 30 years our R&D and Product Specialist teams have been listening to the needs of OSA users to continuously provide them with innovative and effective solutions for their measuring challenges.

►►► Specification:

Items:	Specification:	
Spec-code:	Standard (-10):	High performance (-20):
Wavelength range:	600 to 1700 nm	
Span:	0.5 nm to 1100 nm (full span), and 0 nm	
Wavelength accuracy:	±0.02 nm (1520 to 1580 nm) ±0.02 nm (1580 to 1620 nm) ±0.04 nm (1450 to 1520 nm) ±0.10 nm (Full range)	±0.01 nm (1520 to 1580 nm) ±0.02 nm (1580 to 1620 nm) ±0.04 nm (1450 to 1520 nm) ±0.10 nm (Full range)
Wavelength linearity:	±0.01 nm (1520 to 1580 nm), ±0.02 nm (1450 to 1520 nm, 1580 to 1620 nm)	

Wavelength repeatability:	±0.005 nm (1 min.)		
Wavelength resolution setting:	0.02, 0.05, 0.1, 0.2, 0.5, 1 and 2 nm		
Wavelength resolution bandwidth accuracy:	±5% (1450 to 1620 nm, Resolution setting: ≥ 0.1 nm, after performing the Resolution Calibration function, at the wavelength of resolution calibration)		
Min. sampling resolution:	0.001 nm		
Number of sampling:	101 to 50001, AUTO		
Level sensitivity setting:	NORM_HOLD, NORM_AUTO, NORMAL, MID, HIGH1, HIGH2 and HIGH3		
High dynamic mode:	SWITCH (Sensitivity: MID, HIGH1-3)		
Level sensitivity:	-90 dBm (1300 to 1620 nm), -85 dBm (1000 to 1300 nm), -60 dBm (600 to 1000 nm) (Sensitivity: HIGH3)		
Maximum input power:	+ 20 dBm (Per channel, full range)		
Maximum safe input power:	+25 dBm (Total input power)		
Level accuracy:	±0.4 dB (1310/1550 nm, Input level: -20 dBm, Sensitivity: MID, HIGH1-3)		
Level linearity:	±0.05 dB (Input level: -50 to +10 dBm, Sensitivity: HIGH1-3)		
Polarization dependence:	±0.05 dB (1550/1600 nm), ±0.08 dB (1310 nm)		
Dynamic range:	Resolution: 0.02 nm	55 dB (peak ±0.2 nm) 37 dB (peak ±0.1 nm)	58 dB (peak ±0.2 nm, Typ. 60 dB) 45 dB (peak ±0.1 nm, Typ. 50 dB)
	Resolution: 0.05 nm	73 dB (peak ±1.0 nm) 62 dB (peak ±0.4 nm) 45 dB (peak ±0.2 nm)	73 dB (peak ±1.0 nm, Typ. 78 dB) 64 dB (peak ±0.4 nm, Typ. 70 dB) 50 dB (peak ±0.2 nm, Typ. 55 dB)
	Resolution: 0.1 nm	57 dB (peak ±0.4 nm) 40 dB (peak ±0.2 nm)	60 dB (peak ±0.4 nm, Typ. 67 dB) 45 dB (peak ±0.2 nm, Typ. 50 dB)
Stray-light suppression ratio:	73 dB		
Optical return loss:	Typ. 35 dB (with angled-PC connector)		
Applicable fiber:	SM (9.5/125 μm), GI (50/125 μm, 62.5/125 μm)		
Optical connector:	Optical input : AQ9447 Connector adapter (option) required. Calibration output: AQ9441 Universal adapter (option) required. Connector type FC or SC		
Built-in calibration light source:	Wavelength reference source (For optical alignment and wavelength calibration)		
Sweep time:	NORM_AUTO: 0.2 sec, NORMAL: 1 sec, MID: 2 sec, HIGH1: 5 sec, HIGH2: 20 sec, HIGH3: 75 sec		
Warm-up time:	Minimum 1 hour (After warming up, optical alignment adjustments required.)		

▶▶▶ HPLC Servicing, Validation, Trainings and Preventive Maintenance :

- HPLC Servicing :We have team of service engineers who can attend to any make of HPLC promptly @the most affordable cost.
- Trainings :We also take up preventive Maintenance to reduce downtime of HPLC's
- AMC's/CMC :We offer user training both in-House and at customer sites on HPLC principles, operations, troubleshooting.
- Validations :We have protocols for carrying out periodic Validations as per GLP/GMP/U SFDA norms
- Instruments :We offer instruments / Renting Services Modules like pumps, detector etc. on Rent.



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UV/Vis Spectro 2060+ Double Beam	PTIR	Gas Chromatograph 3000	Gas Chromatograph 2979 Plus	Flash Chromatograph	Atomic Absorption Spectrophotometer	Liquid Partical Counter
						
Optical Emission Spectrophotometer	DSC/TGA	NOVA 2020 plus Automated Bio Chemistry Analyzer	HEMA 2020 Hematology Analyzer	Micro Plate Reader/Washer	Water purification system	Total Organic Carbon
						
Fully Automated CLIA	NOVA Basic Semi -Auto Chemistry Analyzer	PCR/Gradient PCR/ RTPCR	Blood Gas Analyzer	Random access Analyzer for immunoassay Proteins & clinical chemistry	Semen Analyzer	Water Purification System

▶▶▶ Regulatory compliances



▶▶▶ Corporate Social Responsibility

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2. Improving quality of life by offering YOGA Training courses, Work shops / Seminars etc.

3. ANALYTICAL FOUNDATION aims to DETOXYFY human minds, souls and body by means of Yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.

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