

## Ando Spectrometer



### Overview

The Ando AQ6317 is an advanced optical spectrum analyzer for a wide range of applications, including light source evaluation, measurement of loss wavelength characteristics in optical devices, and waveform analysis of WDM (Wavelength Division Multiplexing) systems. Andor's range of highly versatile spectrographs provide high resolution, high throughput, high modularity, ease of use from the UV to the NIR and SWIR, from macro- to nano-scale, with fluxes down to single photon and time-resolution down to nanosecond. The AQ6315A incorporates a totally new monochromator design. Especially at 1550 nm band, the. The Andor Shamrock SR-500i imaging spectrometer is based on Czerny-Turner optical design. The optimized optical design provides exceptional performance for multi-track Spectroscopy. The Shamrock 500i is available as a pre-aligned, pre-calibrated camera/spectrometer detection solution allowing for. The Ando AQ6315E optical spectrum analyzer (OSA) is an improved version of the well known Ando AQ6315A.



## Article Content

### Ando AQ6317

The Ando AQ6317 is an advanced optical spectrum analyzer for a wide range of applications, including light source evaluation, measurement of loss wavelength characteristics in optical devices, and

Spectrometer for broadband vibrational sum-frequency generation at ...

1. Principles of sum-frequency spectroscopy Broadband vibrational sum-frequency generation (SFG) is a second-order optical process that involves frequency mixing of three photons. Specifically, an

### Optical Spectrum Analyzer AQ6317C

Higher wavelength accuracy for S-, C- and L-band ranges The advent of transmission systems via metro networks, like Gigabit Ethernet and CWDM, Raman amplifiers, and TDFA that employ a shifted

### Ando AQ6315E 350nm-1750nm Optical Spectrum Analyzer

It has several integrated measurement modes, from simple optical absorption measurements to full optical amplifier parameter analysis. This unit supports diverse analysis functions for DWDM and

### Ando AQ6317C 600-1750nm Optical Spectrum Analyzer

The Ando AQ6317C is an advanced optical spectrum analyzer that offers precise measurement capabilities for evaluating optical devices and networks. Key features include high wavelength

### Ando AQ6317C

Achieves wavelength resolution of 0.015 nm or less, enabling analysis of WDM signals at 25 GHz spacing. Analysis functions for WDM and other optical devices such as LD, LED and FBG.

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

