YOKOGAWA

AQ6370 Viewer

Development and Evaluation Environments Revolutionized! Dedicated Viewer for Quick and Effortless Optical Spectrum Measurement and Analysis

AQ6370 Viewer is PC-based application software

AQ6370 Viewer has a user interface and functions that are fully compatible with those of Optical Spectrum Analyzer AQ6370, enabling the user to easily display and analyze the AQ6370's waveforms on a PC.

Example Display on a PC

Applications

- Management of large-volumes of measurement data
- Data analysis from remote locations
- Preparation of test reports
- Measurement from remote locations

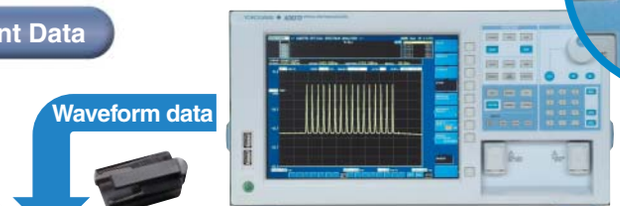
Featured Functions of AQ6370 Viewer

- Display of saved waveform data
- Data analysis
- Real-time remote control
- File transfer

Display of Saved Measurement Data

- Saved measurement data can be displayed and confirmed on a PC. *1
- When reading waveforms, files can be quickly selected from the Thumbnail File Preview.
- Waveforms can be saved as graphic files on a PC.
- Waveforms can be printed out from a printer connected to the PC.

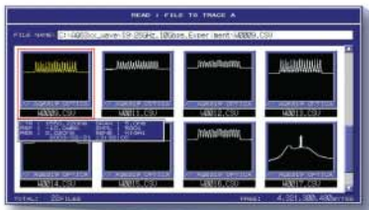
1: Waveform data of previous models (AQ-6315, AQ6317, and AQ6319 Series), whose formats are .WV/.TXT, can be used.
The displayable wavelength range is 600-1700 nm, which is the measurable wavelength range of Optical Spectrum Analyzer AQ6370.



Waveform data is saved

Waveform data

Waveform data



Possible to select from waveform thumbnails

Measured waveforms can be displayed and confirmed on a PC

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Bulletin 735371-01E

AQ6370 Viewer

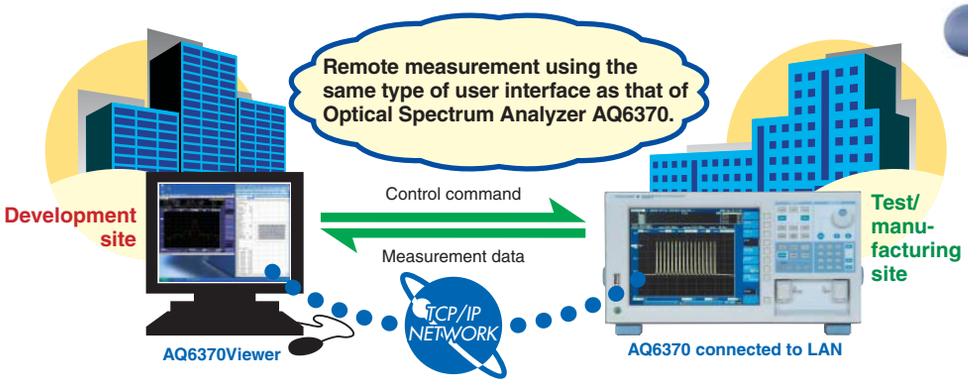
Data Analysis

- Analysis identical to Optical Spectrum Analyzer AQ6370 can be performed on a PC. *2
- Analysis results can be saved to a PC.

Major Analysis Functions of AQ6370 Viewer

- Peak/bottom search
- Analysis of spectrum widths (Threshold, Envelope, RMS, Peak RMS, and Notch)
- WDM (OSNR) analysis, EDFA-NF analysis, filter peak/bottom analysis, WDM filter peak/bottom analysis, DFB-LD analysis, FP-LD analysis, LED analysis, SMSR analysis, power analysis, and PMD analysis
- Pass/Fail judgment using the template function

*2: When reading the waveforms of an analyzer other than the AQ6370, the accuracy of analysis results and readings cannot be guaranteed with regard to power analysis, LED analysis, WDM analysis, EDFA-NF analysis, and conversion of the unit to dBm/nm (dBm is represented by the vertical axis).



Real-time Remote Control

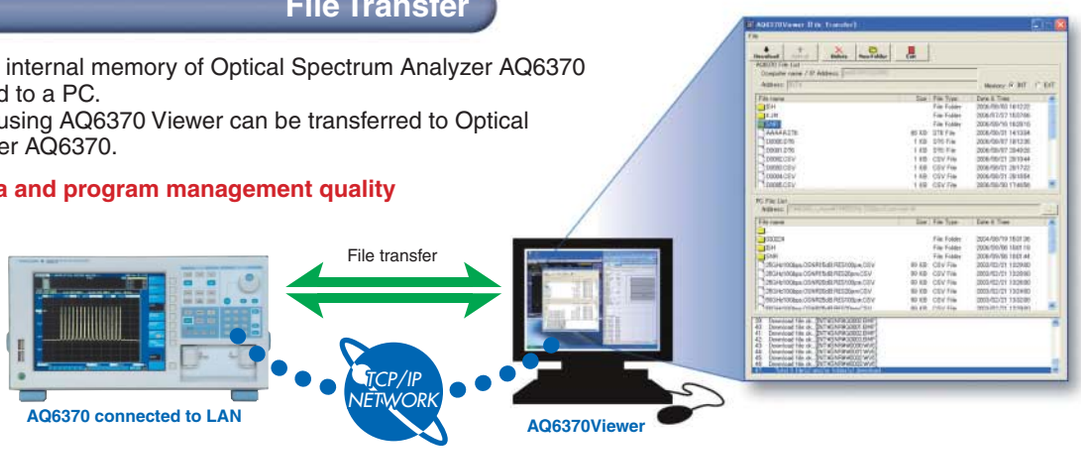
- Real-time acquisition and display of measured waveforms using Optical Spectrum Analyzer AQ6370's remote control with Ethernet LAN.
- Acquired measurement data can be stored in or analyzed on a PC.

⇒ **Enhancing manufacturing quality through trouble analysis of manufacturing lines and the monitoring of long-term tests.**

File Transfer

- Files saved in the internal memory of Optical Spectrum Analyzer AQ6370 can be transferred to a PC.
- Programs edited using AQ6370 Viewer can be transferred to Optical Spectrum Analyzer AQ6370.

⇒ **Improved data and program management quality**



PC Requirements

Hardware	HDD:	50 MB or more free space
	Memory:	512 MB or more
OS		Windows 2000 (Service Pack 4 or later) or Windows XP (Service Pack 1 or later)

* Windows 2000 and Windows XP are registered trademarks of Microsoft Corporation of the United States.

Ordering Information

Model	Description
735371	AQ6370 Viewer

Caution

● For the correct and safe use of this product, please read the instruction manual carefully.

YOKOGAWA

YOKOGAWA ELECTRIC CORPORATION
Communication & Measurement Business Headquarters /Phone: (81)-422-52-6768, Fax: (81)-422-52-6624
E-mail: tm@cs.jp.yokogawa.com

MS-16E