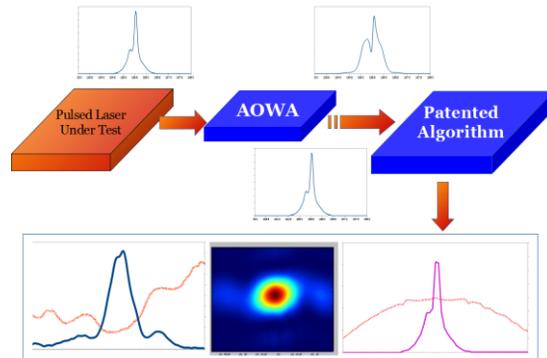


## Key Features

- Input pulses
- Output information
- Portable
- User friendly computer interface
- Simple plug and play measurement
- No mechanical alignments required
- Low cost
- Maintenance free
- Highly reliable and durable

AOWA Module Casing



Others

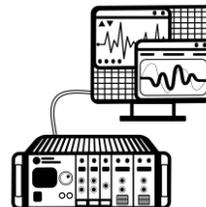
## Description

Amonics' optical waveform analyzer (AOWA) is the implementation of the state-of-art technology, in collaboration with a leading University in Japan, to facilitate cutting edge optical pulse analysis. AOWA provides a complete solution to characterize optical short pulses in picosecond to femtosecond range. Full information on pulse intensity and phase can be extracted from the optical spectrum, including chirp, temporal profile, pulse shape and pulse width. The main supporting equipment required is an optical spectrum analyzer.

## Application



- Communication
- Laser Physics
- Research and Development



- Pulse Characterization



ISO 9001 : 2015

Certificate No.: CC 5346

Our product is manufactured under a HKQAA ISO 9001 certified quality management system. The ISO 9001:2015 certification applies to the Hong Kong production site only

## Specifications

Model	AOWA
Wavelength	1300 nm to 1750 nm
Pulse Width	Min. 0.1 ps to 20 ps
Temporal Resolution	Max. 30 fs
Average Power Sensitivity	Min. -20 dBm
Peak Power Sensitivity	37 dBm

## General Parameters

	Value
Operation Temperature	0 to 40 °C
Storage Temperature	-10 to 70 °C
Power Supply	5 ± 0.1 VDC
Dimensions	100(W) x 120(D) x 22(H) mm
Power Consumption	Typ. 2.0 W, Max. 2.5 W
Control Port	DB-9 Female, RS232 (control software included)
Optical Connector	FC/APC, FC/UPC, SC/APC, SC/UPC

## Ordering Information

Product Code	AOWA
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*Amonics undertakes continuous and intensive product development to ensure its product performance at the highest technical standards. As a result, the specifications in this document are subject to change without notice.*

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