

Femtosecond Mode-Locked Ti : Sapphire Laser

FEMTOWAVE®

# AMTERAS FW07

The latest Optical Technology Creates the Future  
Kyowa Fine Tech Co., Ltd

## Easy Operation Mode Locked Ti : Sapphire Laser JAPAN-MADE

### Features

- Pulse-width Less than 30fs
- Alignment-free easy operation
- Long-term stability
- Environment resistance  
(Operate in a wide temperature span and vibration proof)

### Technologies

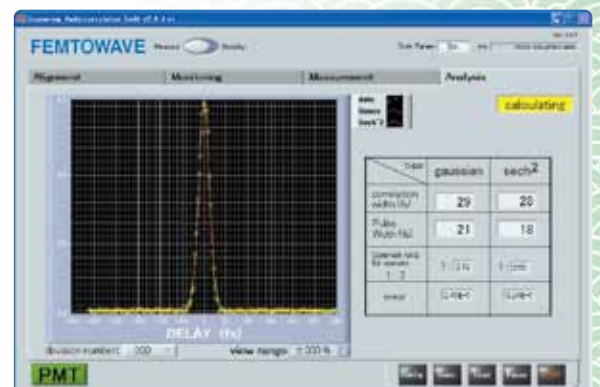
- Full Automatic Alignment System with Advanced Tactical Aligner technology(AWNAGI)
- 3-D Laser Cavity with Designed uniquely Dispersion Compensation Mirror
- Highly Rigid Chassis
- Much original technology

### Application

- THz-TDS
- Murtiphoton Microscopy
- Pump-probe Spectroscopy
- Surface reflects on radiation properties of THz



Easy Operation with Touch panel GUI



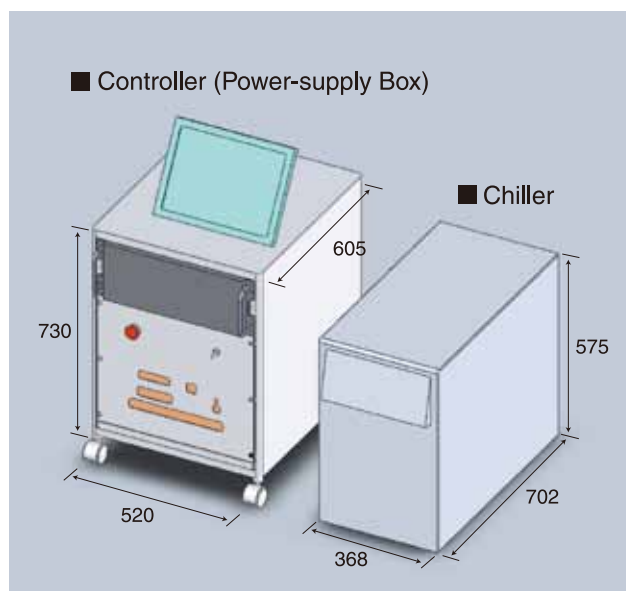
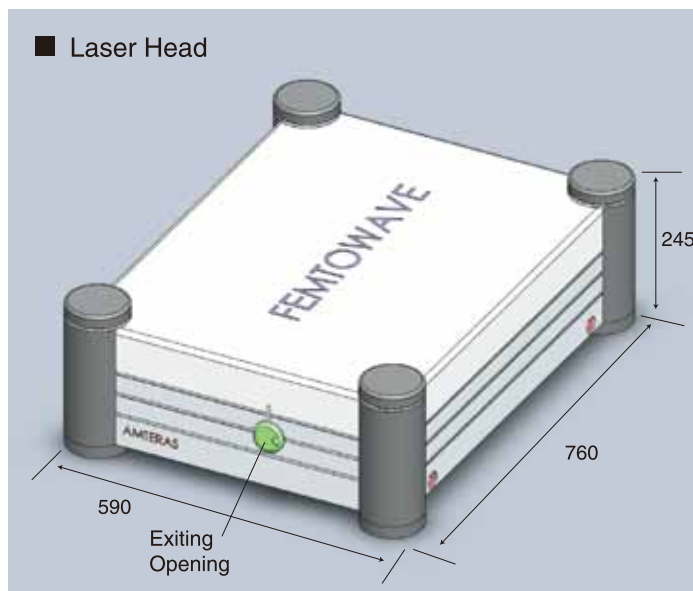
Survey with an Autocorrelator(SSANO)  
: Pulse-width Less than 30fs

## Specifications

Output Pulse Width (fs)	< 30
Average Output (mW)	> 500
Output Center Wavelength (nm)	820
Repetition Frequency (MHz)	100
Generated Beam Height (mm)	108
Equipment Composition	Laser Head, Controller, Chiller
Standard Installation Software	Automatic Alignment System Peak Intensity Monitoring System
Weight (kg)	Laser Head: 60, Controller: 30, Chiller: 70
Utilities	Laser Head: 100V/15A or less, 50Hz~60Hz Chiller: 100V/15A or less, 50Hz~60Hz

※Products' specifications etc. are subject to change without notice. Please note that beforehand.

## Dimension (mm)



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