

VALO SHG OPTION

VALO Femtosecond Series | Ultrafast Fiber Lasers



Applications

- Tryptophan Imaging
- Fluorescence Lifetime Imaging (FLIM)
- Two-Photon Polymerization
- Pump-Probe Spectroscopy

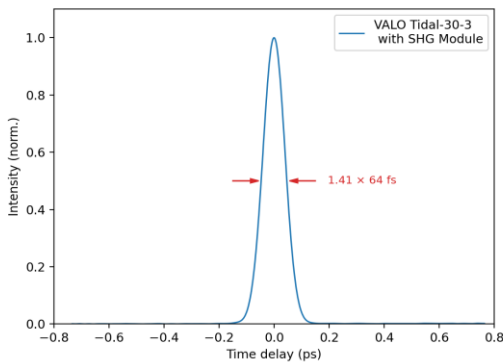
Optical Performance Specifications

SHG Module with Laser System *	VALO Aalto-40-0.5	VALO Tidal-40-2	VALO Tidal-30-3	VALO Tidal-75-1-1100
Pulse Duration (FWHM) (fs)	< 110	< 100	< 100	< 100
Average Power (W)	> 0.15	> 0.8	> 1	> 0.3
Center Wavelength (nm) **	530 ± 15	530 ± 15	530 ± 15	550 ± 5
Spectral Bandwidth (at -10 dB) (nm)	> 15			> 10
Dimensions (laser with attached module) (mm)	595 × 214 × 90			

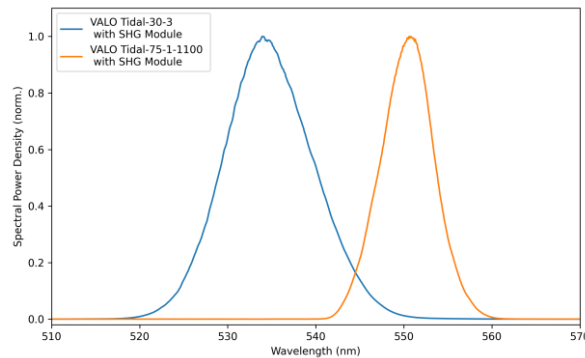
* Also available with other VALO Femtosecond Series Lasers

** Other specifications on request

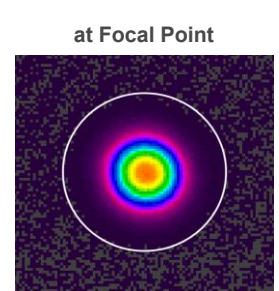
Typical Autocorrelation



Typical Optical Spectra



Typical Beam Profile



Specifications and technical data are subject to change without notice due to technical developments.



Our Locations

**VALO Innovations GmbH, a part of HÜBNER Photonics
(VALO Femtosecond Series)**
Hannover, Germany
Phone: +49 511 260 390 70
E-mail: info.valo@hubner-photonics.com

**HÜBNER Photonics GmbH
(Sales in Germany, Switzerland and Austria)**
Kassel, Germany
Phone: +49 561 994 060 - 0
Fax: +49 561 994 060 - 13
E-mail: info.de@hubner-photonics.com

**HÜBNER Photonics Inc.
(Sales in USA, Canada and Mexico)**
San Jose, California, USA
Phone: +1 (408) 708 4351
Fax: +1 (408) 490 2774
E-mail: info.usa@hubner-photonics.com

**Cobolt AB, a part of HÜBNER Photonics
(Sales in Norway, Sweden, Finland, and Denmark)**
Solna, Sweden
Phone: +46 8 545 912 30
Fax: +46 8 545 912 31
E-mail: info.se@hubner-photonics.com

**HA Photonics Pty Ltd
(Sales in UK & Ireland - goods shipped from Europe)**
United Kingdom
Phone: +44 7359440871
E-mail: info.uk@hubner-photonics.com

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