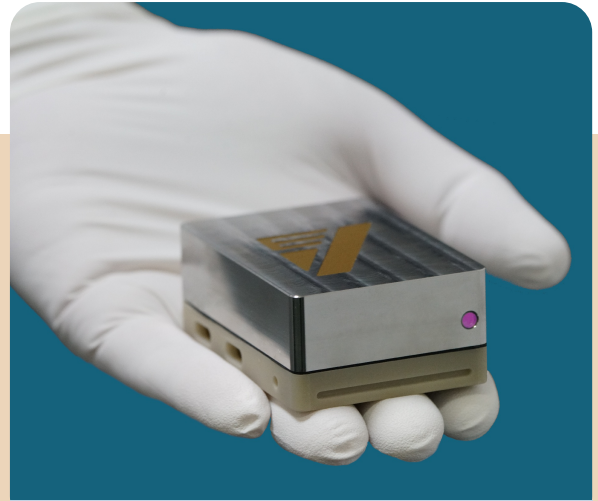


HUMMINGBIRD



tiny femtosecond laser oscillator
with >1 Watt output power



KEY SPECIFICATIONS

Center Wavelength	[nm]	1030 ± 2
Average Output Power	[W]	>1.0
Pulse Duration	[fs]	<220
Beam Quality Factor, M ²	[1]	<1.2
Repetition Rate	[MHz]	50
Pulse Energy	[nJ]	>20

OPTIONS

- » shorter pulses
- » 2 W output power
- » harmonics generation (515 nm)
- » other repetition rates (on request)
- » water cooling
- » WiFi

APPLICATIONS

Medical	Industry	Science
Precision Micro-Surgery	OEM Seed Oscillator, 2PP (515nm)	Spectroscopy, Microscopy, and Ultrafast Imaging

GOOD TO KNOW

Hummingbird sets new standards with respect to performance, compactness and price. It is powered by 20V (USB-C PD) and features a contact-cooled, miniature housing that integrates everything you need to operate the laser oscillator 24/7.

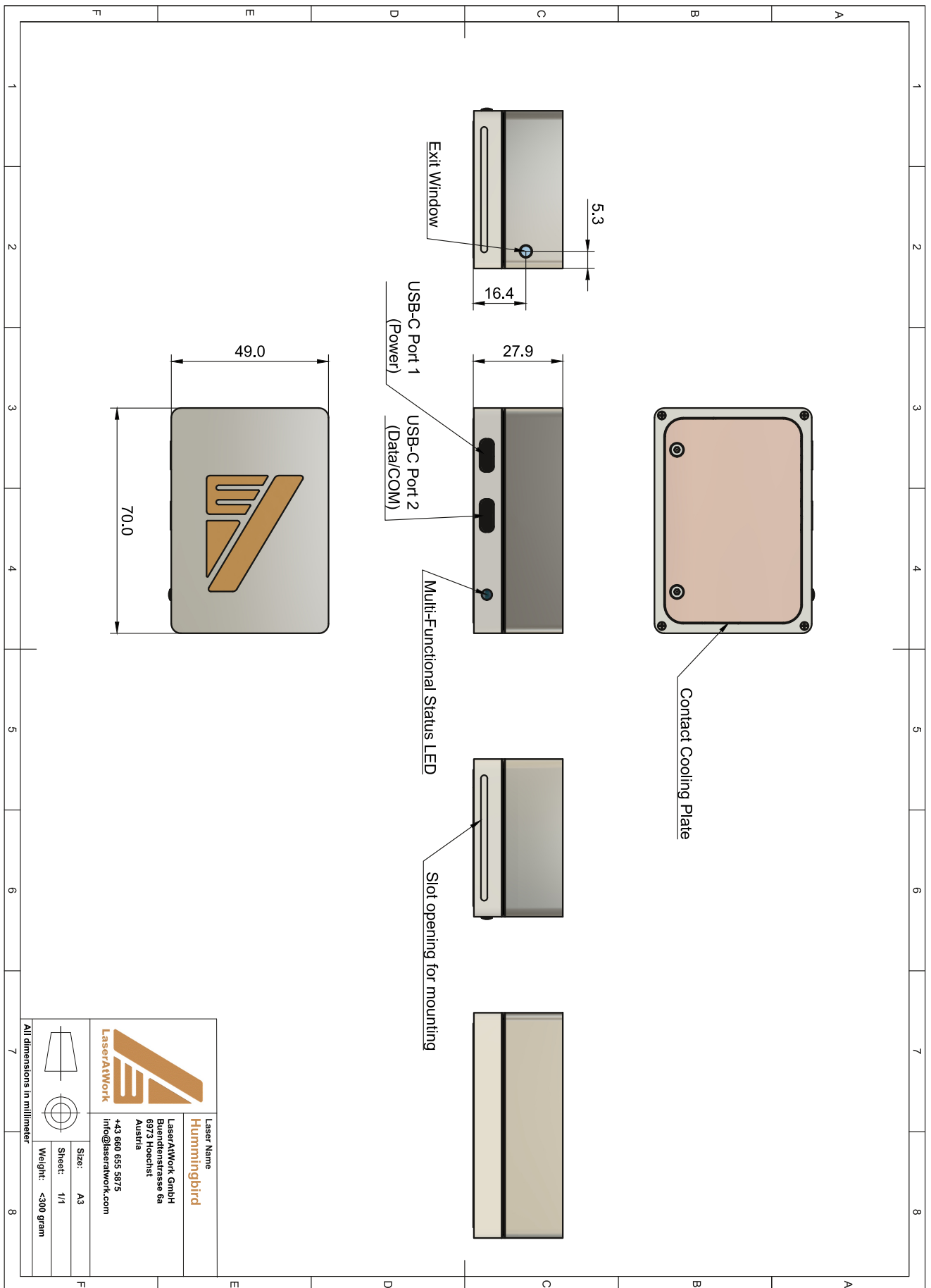
With its output power of >1W, its pulse duration of <220 fs at a repetition rate of 50 MHz, it is the perfect workhorse for your everyday laser tasks!


KEY FEATURES

- » 24/7 operation
- » digital clock output with adjustable phase
- » everything-you-need inside
- » only 70 (L) x 49 (W) x 28 (H) mm³
- » powered by USB-C PD 20V
- » contact-cooled
- » Interfaces:
USB-C, others on request
- » no installation required
- » cloud-based health monitoring
- » very attractive volume prices

PRODUCT SHEET

LaserAtWork GmbH
 Buedtenstrasse 6a
 AT-6973 Hoechst



	Laser Name Hummingbird
	LaserAtWork GmbH Buedtenstrasse 6a 6973 Hoechst Austria +43 660 655 5875 info@laseratwork.com
Size: A3 Sheet: 1/1 Weight: <300 gram	All dimensions in millimeter



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