



TruMicro Series 2000

Technical data



TruMicro 2020**TruMicro 2030****TruMicro 2070****LASER PARAMETERS**

AVERAGE OUTPUT POWER	10 W	20 W	100 W (geregelt)
BEAM QUALITY (M ²)	< 1.3	< 1.3 Optional < 1.2	< 1.2
WAVELENGTH	1030 nm	1030 nm	1030 nm
PULSE DURATION	20 ps < 900 fs < 400 fs	20 ps optional 900 fs 400 fs or variably adjustable from < 400 fs - 20 ps	< 350 fs - 20 ps (variabel einstellbar) Einstellzeit < 800 ms
MAXIMUM PULSE ENERGY	10 µJ Optionally: 20 µJ and 50 µJ	20 µJ optionally 50 µJ or 100 µJ	100 µJ 500 µJ (Burst-Modus)
MAXIMUM REPETITION RATE	1000 kHz Optionally: 2000 kHz, 200 kHz for 50 µJ pulse energy (10 W)	1000 kHz optionally 2000 kHz, 400 kHz with 50 µJ pulse energy (20 W) or adjustable from 200 kHz (100 µJ pulse energy) to 2 MHz (10 µJ pulse energy)	4000 kHz 2000 kHz für Advanced Pulse on Demand 50000 kHz (QCW-Modus)

STRUCTURAL DESIGN

DIMENSIONS OF LASER HEAD (W X H X D)	570 mm x 360 mm x 180 mm	570 mm x 360 mm x 180 mm	406 mm x 212 mm x 700 mm
DIMENSIONS OF SUPPLY UNIT (W X H X D)	510 mm x 485 mm x 180 mm	510 mm x 485 mm x 180 mm	-

Subject to changes. The information in our offer and our order confirmation is definitive.