



TruFlow

Technical data



TruFlow 2000**TruFlow 2700****TruFlow 3200****LASER PARAMETERS**

TYP. POWER CONSTANCY AT RATED POWER	± 2 %	± 2 %	± 2 %
CONTINUOUSLY ADJUSTABLE POWER RANGE	100 W - 2000 W	135 W - 2700 W	160 W - 3200 W
BEAM QUALITY, STANDARD (K / M ²)	0.55 / 1,82	0.55 / 1,82	0.55 / 1,82
BEAM QUALITY, OPTIONAL (K / M ²)	0.9 / 1.11	0.9 / 1.11	0.9 / 1.11
WAVELENGTH	10.6 µm	10.6 µm	10.6 µm
ADJUSTABLE PULSE DURATION	10 µs ... cw	10 µs ... cw	10 µs ... cw

STRUCTURAL DESIGN

DIMENSIONS OF BEAM GENERATOR (W X H X D)	1185 mm x 615 mm x 1150 mm	1185 mm x 615 mm x 1150 mm	1185 mm x 615 mm x 1150 mm
DIMENSIONS OF RF GENERATOR AND CONTROL (W X H X D)	1420 mm x 2100 mm x 800 mm	1420 mm x 2100 mm x 800 mm	1420 mm x 2100 mm x 800 mm

INSTALLATION

AMBIENT TEMPERATURE, STANDARD	5 °C - 35 °C	5 °C - 35 °C	5 °C - 35 °C
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TruFlow 4000**TruFlow 6000****TruFlow 8000****LASER PARAMETERS**

TYP. POWER CONSTANCY AT RATED POWER	± 2 %	± 2 %	± 2 %
CONTINUOUSLY ADJUSTABLE POWER RANGE	200 W - 4000 W	300 W - 6000 W	400 W - 8000 W
BEAM QUALITY, STANDARD (K / M ²)	0.55 / 1,82	0.55 / 1,82	0.52 / 1,9
BEAM QUALITY, OPTIONAL (K / M ²)	0.9 / 1.11	0.35 / 2,86	0.35 / 2,86
WAVELENGTH	10.6 µm	10.6 µm	10.6 µm
ADJUSTABLE PULSE DURATION	10 µs ... cw	10 µs ... cw	10 µs ... cw

STRUCTURAL DESIGN

DIMENSIONS OF BEAM GENERATOR (W X H X D)	1185 mm x 615 mm x 1150 mm	1185 mm x 615 mm x 1150 mm	1185 mm x 615 mm x 1150 mm
DIMENSIONS OF RF GENERATOR AND CONTROL (W X H X D)	1420 mm x 2100 mm x 800 mm	2000 mm x 2100 mm x 800 mm	2000 mm x 2100 mm x 800 mm

INSTALLATION

AMBIENT TEMPERATURE, STANDARD	5 °C - 35 °C	5 °C - 35 °C	5 °C - 35 °C
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TruFlow 10000**TruFlow 12000****TruFlow 15000****LASER PARAMETERS**

TYP. POWER CONSTANCY AT RATED POWER	± 2 %	± 2 %	± 2 %
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TruFlow 10000**TruFlow 12000****TruFlow 15000**

CONTINUOUSLY ADJUSTABLE POWER RANGE	500 W - 10000 W	600 W - 12000 W	750 W - 15000 W
BEAM QUALITY, STANDARD (K / M ²)	0.52 / 1,9		
BEAM QUALITY, OPTIONAL (K / M ²)	-		
WAVELENGTH	10.6 μm	10.6 μm	10.6 μm
ADJUSTABLE PULSE DURATION	10 μs ... cw	10 μs ... cw	10 μs ... cw

STRUCTURAL DESIGN

DIMENSIONS OF BEAM GENERATOR (W X H X D)	1185 mm x 615 mm x 1150 mm	1665 mm x 1100 mm x 1524 mm	1665 mm x 1100 mm x 1524 mm
DIMENSIONS OF RF GENERATOR AND CONTROL (W X H X D)	3000 mm x 2100 mm x 800 mm	3000 mm x 2100 mm x 800 mm	3000 mm x 2100 mm x 800 mm

INSTALLATION

AMBIENT TEMPERATURE, STANDARD	5 °C - 35 °C
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TruFlow 20000**LASER PARAMETERS**

TYP. POWER CONSTANCY AT RATED POWER	± 2 %
CONTINUOUSLY ADJUSTABLE POWER RANGE	1000 W - 20000 W
BEAM QUALITY, STANDARD (K / M ²)	
BEAM QUALITY, OPTIONAL (K / M ²)	
WAVELENGTH	10.6 μm
ADJUSTABLE PULSE DURATION	10 μs ... cw

STRUCTURAL DESIGN

DIMENSIONS OF BEAM GENERATOR (W X H X D)	1665 mm x 1100 mm x 1524 mm
DIMENSIONS OF RF GENERATOR AND CONTROL (W X H X D)	5200 mm x 2100 mm x 800 mm

INSTALLATION

AMBIENT TEMPERATURE, STANDARD	
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