

Foxtrot

S E R I E S

Foxtrot

Preliminary



HIGH PULSE ENERGY Diode Pumped Picosecond Laser

FEATURES

- Up to 1 mJ high pulse energy
- 4 kHz repetition rate
- Short <70 ps pulse duration
- High stability and excellent beam quality $M^2 < 1.5$
- Reliable hands-free operation
- Compact, sealed and rugged design
- PC control and remote control keypad
- Low maintenance costs
- Single phase powering
- No external water cooling

SPECIFICATIONS:

	Foxtrot 1064	Foxtrot 532	Foxtrot 355
Wavelength, nm	1064nm	532nm	355nm
Repetition rate range, kHz	4		
Pulse duration, ps	<70		
Pulse energy	1 mJ	0.45 mJ	0.3 mJ
Pulse energy stability (std. dev.)	1%	2%	2%
Mode	TEM ₀₀		
Beam quality	$M^2 < 1.5$		
Laser head size (WxLxH), mm	375 x 1020 x 220		

APPLICATIONS

- Drilling
- Cutting
- Patterning
- Structuring
- Ablation
- Micromachining
- Your applications are welcome...

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ISO 9001
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Revision number – 081121