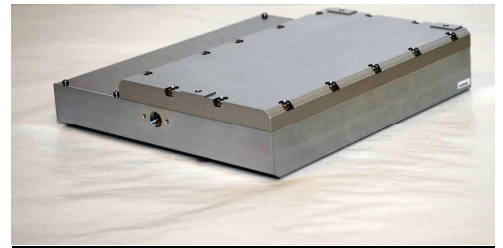




Very compact Fiber Amplified Microchip PicoOne Series

Key features

- ▶ Repetition rate up to 100kHz
- ▶ Ultrashort pulses down to 500ps
- ▶ Average power up to 2W
- ▶ Excellent beam quality – TEM00, $M^2 < 1.1$
- ▶ Efficient, air-cooled, very compact



TEEM is now extending the microchip product offering with a new line of amplified microchip lasers, by integrating the new high repetition rate seed, SNP-70F-100 series, into a fiber amplified compact architecture. This new laser completes the Fiber amplified series, Picospark and Picoflash, with a more compact and cost effective version for medium power and much shorter pulse duration.

	ANP-70F-100 specifications	Extended range
Repetition rate	>70kHz	20-100kHz
Pulse duration	500ps	<700ps
Average power	1W	Up to 2W
Energy	15μJ	Up to 30μJ
Wavelength	1064nm	1064nm 532nm, 355nm, 266nm upon request
Package	ANP-I	ANP-I

Applications

- ▶ Material processing
- ▶ Seeder for high power laser
- ▶ Instrumentation
- ▶ Biophotonics