



# FCPA $\mu$ Jewel D

## microJoule-energy pulses

Ytterbium-doped fiber-based femtosecond amplified system



- High-energy, high-repetition rate femtosecond pulses at 1045nm
- Fiber Chirped-Pulse Amplifier (FCPA)
- Standard wall-plug power/ no chiller needed
- Turnkey, maintenance-free
- Compact

### FCPA $\mu$ Jewel D series

The FCPA  $\mu$ Jewel D is available in two styles. One is a fully integrated, Plug-and-Play solution ideal for industrial turnkey applications. The other is a variable rate, uncompressed-pulse model. This model allows the user to provide the compressor independently of the unit in order to maximize the flexibility of the system in both repetition rate and pulse duration.

Fully-integrated Models		
D-400	- Base Model	>2 $\mu$ J / <500fs / 200kHz
D-400-HR	- High Repetition Rate	>100nJ / <1ps / 5MHz
Variable Rate, Uncompressed Model		
D-400-NC	- Base Model	>4 $\mu$ J @200kHz / ~100ps /100 kHz – 5MHz user adjustable

All specifications are subject to change without notice