

# FemtoBlanc FWM-1



Introducing the FemtoBlanc FWM-1 femtosecond oscillator. The FWM-1 adheres to Femtoblanc's engineering philosophy of "More for Less" by providing higher pulse energies than traditional femtosecond oscillators while maintaining dependability with a low cost of materials. With pulse energies up to 10 nanojoules you can be sure the FWM-1 will consistently provide the best bang for your buck!



## Features

Highest Pulse Energy per Dollar

Compact Form Factor

Field Serviceable *(Perfect for High Volume OEM Applications Where Downtime Matters)*

Attractive Pricing

## Specifications

Femtosecond Regenerative Amplifier Model Number: FB-FWM-1	Fundamental
Wavelength Range (nm)	1040
Average Power (W)	> 0.100
Pulse Duration (fs)	< 250
Repetition Rate	> 40 MHz
Mode Quality (M2)	1.1
Pulse to Pulse Stability	1% / 10 minutes
Start Up Time (Warm)	2 minutes
Operating Temperature	15C – 40C
Humidity	90% Noncondensing
Cooling	Air
Power Requirements	110V / 15A (50Hz/60Hz)
Laser Head Dimensions	200 mm x 330 mm x 80 mm
Weight (kg)	< 10