

Ti:Sapphire quasi-CW laser

Ti:Sapphire quasi-CW laser



- ❑ High stability and durability of output parameters is provided by special temperature control of nonlinear crystal and by the special design of the resonator
- ❑ Compact and rigid mechanical design
- ❑ Perfect beam quality
- ❑ Long life-time of pump source

OUTPUT PARAMETERS

Tuning range	700 – 940 (1000) nm
Pump radiation conversion efficiency	15 %
Beam diameter	1.2 mm
Linewidth	30 – 50 pm
Pulse duration (FWHM)	10 – 25 ns
Beam divergence	< 1.5 mrad

PUMP LASER PARAMETERS

Wavelength	532 nm
Pulse repetition rate	1 – 8 kHz
Pulse energy	1 – 8 mJ
Pulse duration	25 – 70 ns
Beam divergence	< 2.0 mrad

Ti:Sapphire quasi-CW laser

laser 

