

Pump Chambers

EKSPLA manufactures high efficiency pump chambers for pumping of various active elements (Er:YAG, Er: YLF, Nd:Glass, Nd:KGW, Nd:YAG, Nd:YLF, Nd:YVO, Yb:YAG, etc.). Uniform rod pumping is provided by close diffuse reflector design.

DFM PUMP CHAMBER



FEATURES

- Two FL type flashlamps for active element pumping
- O-ring type seals for flashlamps and active element
- Close coupling design for high pumping efficiency
- Diffuse high efficiency ceramics reflectors
- Active element – flashlamp sequential cooling scheme
- Sm-glass plate for removal of UV radiation
- Connectors for high voltage wires included
- Connectors for water hoses (9 (ID) × 12(OD)) included
- Typical efficiency (for 6 ns pulses at 1064 nm) approx. 1%

SPECIFICATIONS

Model	DFM-58-8	DFM-58-10
Active element dimensions	Ø8 × 85(min) mm	Ø10 × 85(min) mm

Specifications are subject to changes without advance notice.

