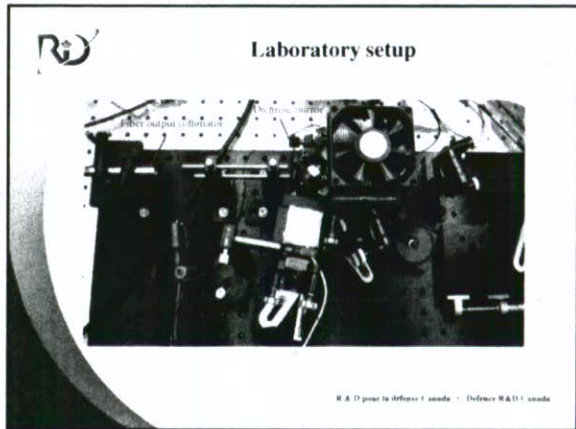


Optical diagram

Labels in diagram: Dichroic mirror, Ho:YAG, Output coupler, Q-switch, Concave back mirror, Tm fibre laser linearly polarized (LP).

- Ho:YAG 4 mm x 50 mm with TEC
- Pump: Tm:fibre 1908 nm, 23 W, TEM₀₀, Linear polarization > 15 dB, Air-cooled and can be modulated to a few kHz

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Some results

- CW and Q-switch output power at 2098 nm: 11 W
- Pulse length at 20 kHz: 80 ns \rightarrow 7 kW peak
- $M^2 < 1.1$

To be used as a pump for PPLN and ZGP OPOs

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