

**NEW**

Passively Q-Switched Nd:YAG/Cr:YAG Microchip Laser

Preliminary

Feature

- ✓ High peak power (MW)
- ✓ Pulsed (< 1 ns)
- ✓ Up to 4 mJ (20Hz)
- ✓ Internal and External Trigger Mode

Application

- ✓ Ablation
- ✓ Mass spectroscopy
- ✓ LIBS
- ✓ LIDAR
- ✓ Photo acoustic imaging



Specification

model	PQ11C
Wavelength	1064 nm
Pulse Energy	> 2 mJ
Peak Power	> 2 MW
Pulse Repetition Rate	20~100 Hz
Pulse Width (FWHM)	<1 ns
Head Size	63 mm (W) X 63 mm (H) X 58 mm (L) : Water Cooled
Power Supply Size	480 mm (W) X 249 mm (H) X 350 mm (L) : Water Cooled
Line Voltage	100V \pm 10% AC
Power consumption	< 250 W
Interface	USB
External Trigger	TTL

Option

- Collimate output
- Chamber mount

OXIDE**Oxide Corporation**

1747-1 Makihara, Mukawa, Hokuto, Yamanashi 408-0302 JAPAN

Tel: +81-551-26-0022, Fax: +81-551-26-0033

Sales@opt-oxide.com, <https://www.opt-oxide.com>

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