

QML-1573/40uJ



**LD PUMPED ALL-SOLID-STATE
Q-switched LASER**

All solid state Q-switched laser at 1573nm has the features of high peak power, high repetition rate, and short pulse duration, which is widely used in Laser Telemeter, Laser Surveying, Remote Sensing, LIBS, Laser micro-processing.

SPECIFICATIONS

| | |
|------------------------------------|-------------------------|
| Wavelength (nm) | 1573±1 |
| Operating mode | Q-switched pulsed laser |
| Single pulse energy (μJ) | 40 |
| Pulse duration (ns) | 1~2 |
| Peak power (kW) | 20~40 |
| Rep.rate(Hz) | 10 |
| Ave power stability (over 4 hours) | <3% |
| Transverse mode | TEM ₀₀ |
| Warm-up time (minutes) | <10 |
| M ² factor | <1.5 |
| Beam divergence, full angle (mrad) | <12 |
| Beam diameter at the aperture (mm) | ~0.25 |
| Beam height from base plate (mm) | 29 |
| Operating temperature (°C) | 10~35 |
| Expected lifetime (hours) | 10000 |
| Warranty | 1 year |



| QML-1573 | PSU-QML-OEM |
|-------------------------------|---|
| <p>φ 16 mm×35 mm 0.014 kg</p> | <p>85 (L) × 64 (W) × 26 (H) mm³ 0.4 kg</p> |