

Q-Switched CO₂ LASER

Model L50Q

SPECIFICATIONS

Pulse energy: up to 500 μ j
Peak power: up to 1000 watt
Pulse length: <500 ns
Pulse Repetition frequency: up to 60 kHz
Wavelength: 10.6 μ m nominal, 9.3 μ m optional
Cooling requirement: water cooling 1GPM

Power stability: \pm 5% typical average
Average power: 15 watts
Laser beam parameters: Near TEM₀₀,
 $M^2 < 1.3$; beam diameter at exit: 2.8 mm;
 beam divergence angle: 6 mrad
Dimensions: 32" x 6" x 3"

Options: Consult the factory for desired options.

- * We strive to satisfy custom requirements. Please contact us if you have other special needs.
- * Specifications subject to change without notice.

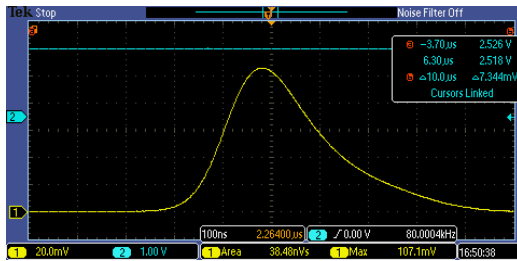


Figure 1. Pulse detail

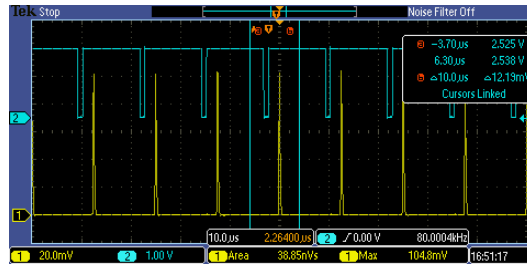


Figure 2. Pulse train (yellow trace)

For more information, visit us at

www.accesslaser.com

