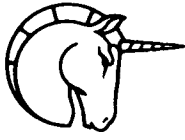


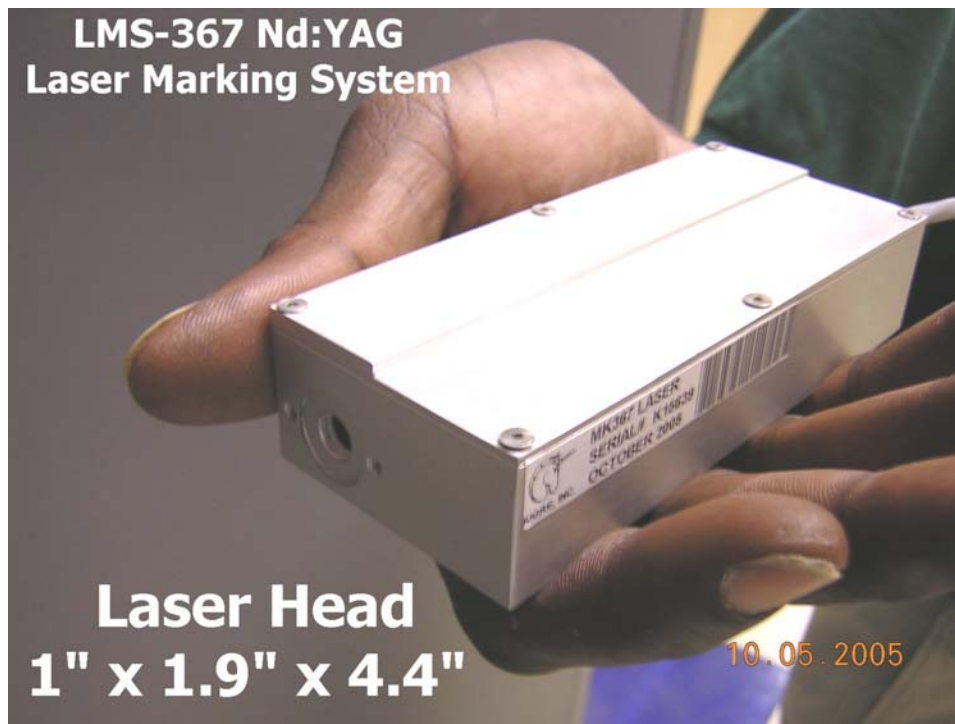
**Nominal Output > 6 MegaWatts, 3mm Beam Dia, 25+mJ,
~4ns pulse width ~ 1mrad Beam Divergence!**



KIGRE, INC

LMS-367 Compact Laser Marking System

The LMS-367 is readily adaptable to various types of quality control equipment such as vision, imaging, scanning and profiling systems. This low cost high peak-power low average-power pulsed Nd:YAG laser marking system is well suited for the discrete permanent marking of identified defect sites or parts. Marking of all types of materials including metals, plastics, glass, and ceramics.



**COMPACT HIGH PEAK POWER LASER TRANSMITTER
> 6 MEGAWATTS @ 1.064um**

KIGRE, INC. 100 Marshland Road, Hilton Head, SC 29926
Ph# 843-681-5800 Fax# 843-681-4559
E-mail: info@Kigre.com Web Site: www.kigre.com

***Nominal Output > 6 MegaWatts, 3mm Beam Dia, 25+mJ,
~4ns pulse width ~ 1mrad Beam Divergence!***

- Complete Nd:YAG system include LMS-367 laser head, MK-1000 Modular Hand Fire Controller, MK-12/24 (110 & 200VAC) Universal Regulated Transformer and MK-106 self-contained power supply.
- Rugged shock-proof sealed laser head design survives testing at > 3000g.
- Permanent alignment eliminates manual adjustments.
- Optional 4-MegaWatt/1064nm & 2-Megawatt/532nm output available.
- Self-contained MK-367PS power supply with integral PFN is capable of being powered by either a 12 volt D.C. source or by an optional transformer for 110/120 volt A.C. operation.
- Usable life is excess of 300,000 shots with fast low cost refurbishment.
- Sized for wide range of OEM application
- Higher energy 50mj and 125mj “pulse-train” marking output available.
- Custom Class I “Eye-Safe” 1.54um laser marking systems also available

Electrical Requirements

Input Voltage-12VDC

Input Current-1.2 A charging 250mA regulating

Output Voltage-500-1000 VDC

Trigger Output & +12 VDC-positive edge input-10 ms minimum pulse width.

Power supply charge is inhibited until trigger signal is removed.

Output Energy- Model 1010: 9 joules

Model 1020: 18 joules

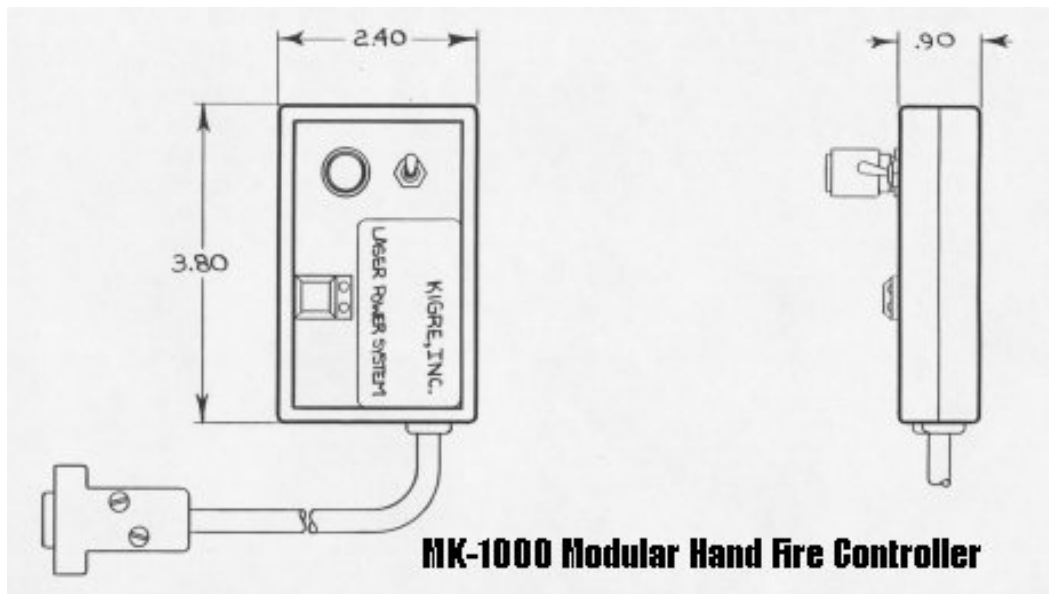
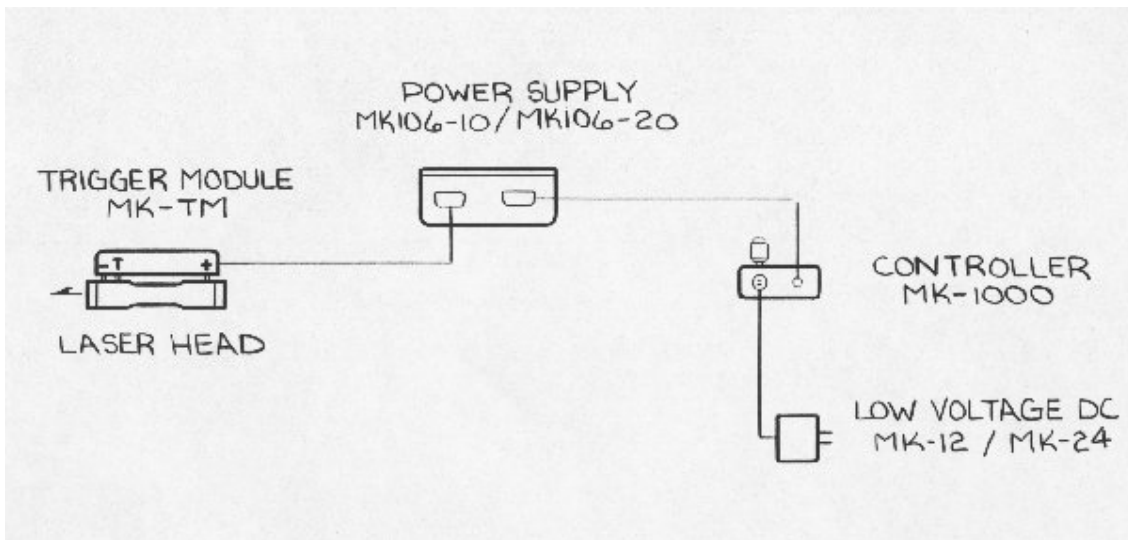
Maximum Pulse-One pulse per second at 10 joules.

Charge Indication: Active low at full charge (12V 20 mA sink recommended)

Rep. Rate-Fire signal is inhibited full charge is reached

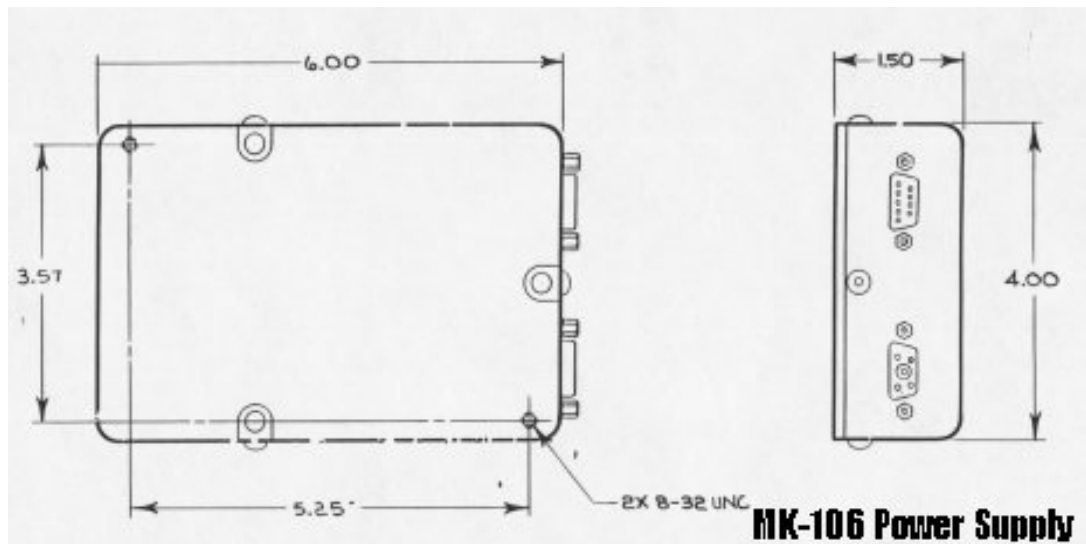
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The 106-10 (10 Joule) OEM power supply (potted) weighs 1.13Kg
The 106-20 (20 Joule) OEM power supply (potted) weighs 1.26Kg

Customized un-potted electronic components may exhibit
significant weight savings of up to 80%.

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