



LS700

L A S E R
M A C H I N E



GRAVOGRAPH
NEW HERMES

www.gravograph-newhermes.com

laser machine

LS700



Specification

OPTICS & ELECTRICAL

Wavelength
10.6 (µm)
Rated Power
10watt, 20watt, 30watt
Input Voltage
10watt, 20watt, 30watt (100V – 240V)

ENGRAVING CHARACTERISTICS AND FEATURES

Processing Modes
Raster and Vector
Maximum Engraving Area
12"W x 12"D (305mm x 305mm)
Focus (Z-Axis) Adjust Travel
6.0" (150mm)
Maximum Speed (Raster)
79" /sec (2000mm /sec)
Maximum Speed (Vector)
7.9" /sec (200mm /sec)
Positioning Accuracy
.004" (0.1mm)
Repeatability
<.002" (.05mm)

PHYSICAL CHARACTERISTICS

Classification
CDRH, Class 2a
System Dimensions
28.0"W x 25.0"D x 22.4"H (710mm x 640mm x 575mm)
System Weight
176lbs (80 kg)
Shipping Dimensions
32.0"W x 35.0"D x 30.0"H (812mm x 889mm x 762mm)
Shipping Weight
200lbs (190kg)



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1-800-843-7637 • www.gravograph-new hermes.com
2200 Northmont Parkway
Duluth, GA 30096

FEATURES

- Complete with revolutionary GravoStyle 5 Graphic level software.
- This 12" x 12" engraving area is perfect for smaller objects that require fine detail.
- Perfect for the first time users with a limited budget and experienced users looking for a 2nd machine.
- This compact laser can fit in small areas.
- Ideal for companies looking for a detailed or ornate mark with low production and who don't require deep engraving or cutting.
- Front access provides effortless loading and adjusting of objects.
- Red spotting beam reduces errors by allowing you to perform a trial run before engraving the object.
- Auto focus automatically adjusts the focal axis to adapt to the surface (even hollow areas).
- Auto Actuation, manual adjusted air assist tool that dramatically improves processing of certain materials.

GravoStyle 5 SOFTWARE

User Interface	GravoStyle 5 Graphic level
Operating System (Driver)	Windows 98, Windows 2000, Windows XP
Languages Supported	English, French, German, Italian, Spanish Dutch, Portuguese
Focus Adjustment	Programmable, with Auto-Focus Sensor
Job Completion Alarm	Audible, Electronic Toggle ON/OFF
Job Timer	Auto Display, On System LED

ACCESSORIES

Alternate Focal Length Options	1.5"(38.1mm), 2.5"(63.5"), 3.5"(88.9mm), 4.0"(101.6mm)
Air Compressor for Air Assist	Internally Mounted (No Need for External Air Supply)
Honeycomb Cutting Table	Max Engraving Area – 12" x 12" (305mm x 305mm)
Pin Cutting Table	Dual Plates, Multi-Pin Configuration Pin Height – 1.2" (30mm)

IDEAL FOR:

Name Tags	Small Name Plates
Ink Pens	Business Card Holders
Key Chains	Small Signage
Paper Products	Low Volume Rubber Stamps
Plaques	Trophies Plates
CERDEC Processing	

