



















Marking/Engraving/Etching Lasers Available Page 1 of 1

Integrity Equipment
Sales & Service LLC
 New Hampshire
 Tel (603) 247-3231
www.EngraveParts.com

CO ₂ Lasers					
MATERIAL	EXAMPLE	MARK TYPE	LASER		SPECIFICATIONS
Anodized Aluminum		Surface Removal		Rayjet	Flatbed 12" x 18" Mark Area 30 watt power Can also cut wood, paper, plastic & film materials
Coated/Ink/Paint/Surface Removal				Speedy 100	Flatbed 12" x 24" Mark Area 12 – 45 watt power range Can also cut wood, paper, plastic & film materials
Glass				Speedy 300	Flatbed 17" x 28.6" Mark Area 25 – 120 watt power range Can also cut wood, paper, plastic & film materials
Plastics				Speedy 500	Flatbed 28" x 49" Mark Area Pass-through capable 60 – 200 watt power range Can also cut wood, paper, plastic & film materials
Rubber Stamps				Professional	Flatbed 51" x 51" Mark Area Two-side loading/unloading 25 – 400 watt power range Can also cut wood, paper, plastic & film materials
Stone				SpeedMarker CL	CO ₂ Beam-Steered (Galvo) High-speed marking Capable of marking on the fly 10 to 200-watt models available <i>Additional workstation needed</i>
Wood					
Glass Using TherMark™		Laser Bonding			
Metal Using TherMark™					
Color Marking on Tile Using TherMark™					



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Nd:YVO ₄ Lasers					
MATERIAL	EXAMPLE	MARK TYPE	LASER		SPECIFICATIONS
<p>Anodized Aluminum</p> <p>Coated/Ink/Paint/Surface Removal</p> <p>Black or dark mark on steel (annealed mark)</p> <p>White or light mark on metal (frosted mark)</p>		<p>Surface Removal or Change</p>		<p>Raptor Galvo-steered EF Technology</p>	<p>Beam-Steered (Galvo) EF Technology 1064nm 3.3" - 13.8" Ø Mark Area 3 power levels available <i>Requires additional workstation</i></p>
<p>Various Plastics</p>		<p>Surface</p>			<p>Flatbed Nd:YVO₄ Vanadate Laser 17" x 28.6" Mark Area 10 & 20 watt models</p>
<p>Bare aluminum</p> <p>Carbide, Brass, Copper...and other metals</p>		<p>Shallow Engrave up to 0.002" deep typical</p>			
<p>Glass Using TherMark™</p>		<p>Laser Bonding</p>			



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Yb Fiber Lasers					
MATERIAL	EXAMPLE	MARK TYPE	LASER	SPECIFICATIONS	
<p>Anodized Aluminum</p> <p>Coated/Ink/Paint/Surface Removal</p> <p>Black or dark mark on metal (annealed mark)</p> <p>White or light mark on metal (frosted mark)</p>	      	<p>Surface Removal or Change</p>		<p>SpeedMarker FL Galvo-steered</p>	<p>Beam-Steered (Galvo) Yb Fiber Laser Technology 10, 20, 30 & 50-watt models Very high speed Scripting feature allows user to easily customize software. Print-driver also available <i>Additional workstation needed</i></p>
				<p>Scorpion Rapide Galvo-steered</p>	<p>Beam-Steered (Galvo) Yb Fiber Laser Technology 12, 20 & 30-watt models 3.3" - 13.8" Ø Mark Area <i>Additional workstation needed</i></p>
<p>Various Plastics</p>		<p>Surface</p>		<p>FC 100 FP 100</p>	<p>Flatbed Yb Fiber Laser 12" x 24" Mark Area 10 & 20 watt models FC-100 (all but metal engraving)</p>
<p>Carbide, Brass, Copper...and other metals</p>	 	<p>Shallow Engrave up to 0.005" deep typical</p>			
<p>Glass Using TherMark™</p>		<p>Laser Bonding</p>		<p>FP-300</p>	<p>Flatbed Yb Fiber Laser 17" x 28.6" Mark Area 10, 20 & 30 watt models</p>



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Nd:YAG Lasers					
MATERIAL	EXAMPLE	MARK TYPE	LASER	SPECIFICATIONS	
<p>Anodized Aluminum</p> <p>Coated/Ink/Paint/Surface Removal</p> <p>Black or dark mark on metal (annealed mark)</p> <p>White or light mark on metal (frosted mark)</p>		<p>Surface Removal or Change</p>	<p style="text-align: center;">Cobra Series Galvo-steered</p>	<p>Beam-Steered (Galvo) 1064nm Diode-pumped laser 20, 40 & 60-watt models 3.3" - 13.8" Ø Mark Area <i>Requires additional workstation</i></p>	
	<p style="text-align: center;">Scriba Series Galvo-steered</p>		<p>Beam-Steered (Galvo) 1064nm Lamp-pumped laser 90 & 120-watt models 3.3" - 13.8" Ø Mark Area <i>Requires additional workstation</i></p>		
<p>Various Plastics</p>		<p>Surface</p>	<p style="text-align: center;">Scriba Duo Galvo-steered</p>	<p>Beam-Steered (Galvo) Dual-head laser system 1064nm Lamp-pumped laser 90 & 120-watt models 3.3" - 13.8" Ø Mark Area <i>Requires additional workstation</i></p>	
<p>Deep engraving of various metals.</p>		<p>Shallow Engrave up to 0.040" deep typical</p>			



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Hybrid Lasers				
MATERIAL	EXAMPLE	MARK TYPE	LASER	SPECIFICATIONS
Anodized/ Coated/Ink/ Paint/Surface Removal		Surface Removal or Change	 Trotec Flex Hybrid	Flatbed Yb fiber laser (up to 50-watts power) <u>And</u> CO ₂ Laser (Up to 60-watts power) Both in single system 17" x 28.6" Mark Area
Light & Dark marks on metals				
Glass, Stone & Wood				
Rubber & Plastic				
Shallow Engrave in Metals				
Various Materials Using TherMark™		Laser Bonding		

Optional Workstations for Beam-steered (Galvo) Lasers		
TABLETOP	FLOOR-STANDING	ROTARY TABLE