

Flotronics Automation - Official Distributor for Panasonic Laser Markers



Panasonic LP-RF Series Laser Marker

Try it out!

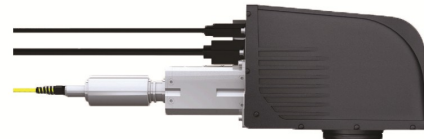


We can have one of your products laser marked for free as an example.

The LP-RF Series Premier Panasonic FAYb Laser Marker

Features:

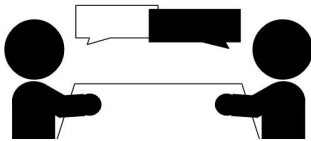
Head (LP-RF Series)	<ul style="list-style-type: none"> Removable for easy installation and maintenance. Fan-Less (IP 64 Rating) means it's tough. Helps prevent entry of dust and water.
Long Life High Reliability	<ul style="list-style-type: none"> The laser operates only during marking thus providing for a long life.
Controller	<ul style="list-style-type: none"> Controller with noise suppression parts for noise resistance.
Maintenance	<ul style="list-style-type: none"> Parts can easily be replaced by the user.
90 MM x 90 MM Marking Field	<ul style="list-style-type: none"> Large marking field creates more options for marking.
Safety Consideration	<ul style="list-style-type: none"> The interlock circuit shuts off the laser if an abnormality occurs.



The removable head (LP-RF Series) offers easy installation and access for maintenance.

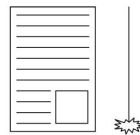
LASER MARKING INSTALLATION PROCESS FLOW

Consultation



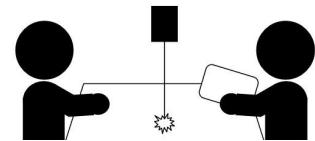
Suggestion of best model based on requirements.

Testing and reporting of test results



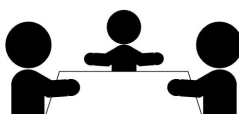
Test reports /sample provided after testing with an actual laser marker.

Demonstration-Actual equipment



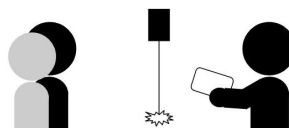
In - house demonstration to check marking quality and operation.

Discussion with the customer



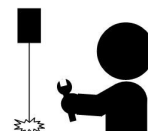
Hold a meeting to discuss integration specifications and communication between laser marker and PLC.

Attendance during commissioning



By request, provide support to install machines and operate laser markers.

After-sales service



By request, offer on-site maintenance service and inspection in the case of unit replacement.

Flotronics Automation—West

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FLOTRONICS FULL SOLUTION MINITEC LASER GUARDING, ENCLOSURES & CONVEYORS

Features:

- Low cost, fast delivery and on site assembly.
- Reduces harmful working conditions and allows for easy accessibility for internal maintenance and controls.
- Maintain equipment in a properly controlled environment.
- Wall panels available in a variety of materials and colors.
- Extrusion T-slots offer convenient mounting options.



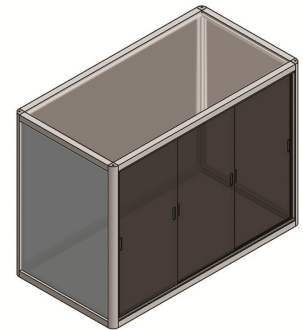
ENCLOSURES

Confines Particles in a Closed Environment



ROBOT LOADED LASER ENCLOSURE

Robot Assisted & Space Saving Automated Enclosures



GUARDING

Safety Guarding for Laser Protects Workers and Processes

FUMEX FUME EXTRACTORS



Fumex fume extraction systems remove 99.7% of fumes created by laser markers. They consist of inexpensive pre-filters, HEPA filters and gas/odor filters that remove harmful laser fumes and return purified air to the work-place .

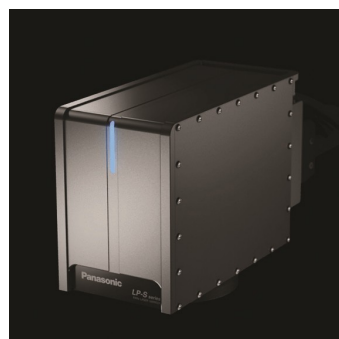
LASER - METAL MARKING CHART

MATERIAL	FAYB LASER
IRON	GOOD
CARBON STEEL	GOOD
ALLOY STEEL	GOOD
COPPER, BRASS	GOOD
ALUMINUM ALLOYS	GOOD
MAGNESIUM ALLOYS	GOOD
NICKEL ALLOYS	GOOD
GOLD, SILVER	USEABLE

OTHER PANASONIC FAYB LAER MARKERS



LP-M/MA SERIES
High-Power Output with 3-D Marking Capability



LP-S/SW
High-Power Output for Harsh Conditions



LP-Z
All Around Laser Marker with 3-D Marking Capability



LP-V/W
High Contrast on Resin Surfaces

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