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M4L™ RF Plasma System

Plasma Systems:

[M4L RF System](#)
[7200 RF Series](#)
[9200 RF Series](#)
[300 MW Series](#)
[400 / 660 MW Series](#)
[800 MW System](#)
[PS80 MW System](#)
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[SIRD Metrology Tool](#)
[Atmospheric Plasma](#)
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M4L Brochure Download

The **M4L™** is our most popular full featured plasma surface modification system designed for laboratory and production use.

The M4L is ideal for:

- Plasma surface modification
- Plasma cleaning of organic surfaces
- Plasma cleaning of metallic surfaces
- Bond strength enhancement
- Plasma etch applications
- Plasma asher applications
- Increased or decreased wettability
- Any other plasma system application



The entire bench top system fits in one cabinet, except for the vacuum pump. Never before has a professional plasma etch system been this loaded with features and priced this affordably!

Application Notes

Atmospheric Plasma Pen

Surface Modification Services

Technical Details

- Controller: Windows® O/S based touch screen interface offering fully automatic control. Multi-step recipes, real time graphic display, multi-level password access, data logging, and real time SPC monitoring of all plasma parameters is provided.
- Chamber: 9" X 13" X 20" Aluminum, with high-conductance KF 40 port and isolation valve. Optional throttle valve available.
- Electrode options include 3-shelf, 5-shelf, and cage electrodes.
- RF Generator: 300 or 600 watt 13.56 MHz air cooled with automatic impedance matching network.
- Display: Color 10.4 inch touch screen for control and monitoring of process

parameters, automatic recipes, or manual plasma treatments.

- ◻ Two user specified gases, with 500 sccm MFCs standard, Optional 3rd gas channel available.
- ◻ Power Requirements: 120- 240 volts, 1Ø, 50/60 Hz 30 amps maximum, changeable in the field.
- ◻ CE Certified



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