



# IPL6010

## 18 - PCB treatment unit



The IPL6010 PlasmaNet PCB series are dedicated to the cleaning and preparation of Printed Circuit Board's surfaces and drill holes before processes like bonding, metallization and soldering.

Based on under vacuum plasma dry surface treatment, our technology is efficient and environmentally friendly.

It is designed to treat 18 PCB of (24"x18") at the same time. Thanks to its peculiar electrode design and gas distribution it provides homogenous treatment inside the chamber.

Different configurations and models will get you excellent qualities of metallization regardless of the material: RT & XT Duroid®, Roger PCB, F, Polyimide, Teflon, etc

### TECHNICAL SPECIFICATIONS

|                         |  |   |
|-------------------------|--|---|
| Machine dimensions      | Width<br>Height<br>Depth<br>Weight   | 1850 mm<br>2100 mm<br>1155 mm<br>1050Kg |
| Chamber dimensions      | Width<br>Height<br>Depth   | 850 mm<br>1020 mm<br>740 mm             |
| Power supply            | Tension / Frequency / Power<br>Conformity  | 400 V / 50Hz / 6000W<br>CE marking      |
| Operating conditions    | Operating temperature<br>Relative humidity<br>Noise level  | + 15 / + 35°C<br>< 75 %<br>< 57 dB      |
| Human Machine Interface | Panel PC<br>Password access to parameters<br>Languages available : English and French<br>Process curves records and display<br>Up to 30 programmable processes |   |
| Gas supply              | 5 gas lines<br>Lines equipped with massflow controllers and solenoid valves  |   |
| Pressure measurement    | Capacitive pressure gauge<br>Piezoelectric pressure gauge  |   |
| Plasma generator        | 40 kHz generator   | 0 - 5000 W                              |
| Options                 | Extra card holder<br>Maintenance kit<br>Plasma treatment training<br>Maintenance and servicing in our premises   |   |