

PLASMA TREATERS FOR 3D OBJECTS



PLASMA TREATMENT SYSTEM

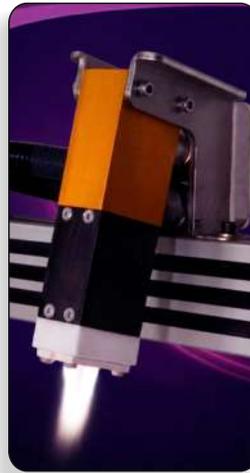
ADVANCED TECHNOLOGY TO INCREASE SUBSTRATE SURFACE TENSION



Atmospheric Plasma Treatment uses high-frequency voltage to ionize compressed air, creating a "fourth stage of matter" (plasma). When applied to a surface, this process removes foreign contaminants and creates a hydrophilic effect, allowing coatings and adhesives to bond more effectively.



PLASMION 3D+ :
Single head atmospheric pressure plasma jet.
(Also Available in Dual Gun)



PLASMASTRA 3D+ :
Single head atmospheric pressure plasma



GYROPLASMION 3D+ :
Single rotating head atmospheric pressure plasma jet.



PLASMION 3D+ DP :
Double Power in Single Head atmospheric pressure plasma jet.



OUR PLASMA GENERATORS



TECHNICAL SPECIFICATIONS

IEEC FULLY SOLID STATE SUPER HIGH FREQUENCY ATMOSPHERIC PRESSURE PLASMA JET TREATER SPECIFICATION :

Model	PLASMION 3D ⁺	GYROPLASMION 3D ⁺	PLASMASTRA	PLASMION 3D ⁺ DP
Input Voltage	220 Volt	220 Volt	220 Volt	220 Volt
Input Frequency	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
Input Current	4.5 Amp.	4.5 Amp.	4.5 Amp.	7.0 Amp
Output Voltage	3.4 K Volt	3.4 K Volt	3.4 K Volt	3.4 K Volt
Output Frequency	40 ~ 60 KHz	40 ~ 60 KHz	40 ~ 60 KHz	40 ~ 60 KHz
Out Power	700 Watt	700 Watt	700 Watt	1000 Watt
Max. Ambient Operating Temp.	55 DegC.	55 Deg C.	55 Deg C.	55 Deg C.
Discharge Head	1	1		2
Type of Head	Stationery	Rotating	Stationery	Stationery
Air Flow	40 LPM per Head	40 LPM per Head	40 LPM per Head	40 LPM per Head
HMI & PLC	OPTIONAL	YES	YES	YES
Discharge Width	Max 12mm	Up-to Ø 30 mm	Up-to 30 mm	Max 12mm
Dimensions in mm (Approx.)	(W x H x D) 490 x 340 x550	(W x H x D) 600 x 900 x 400	(W x H x D) 600 x 900 x 400	(W x H x D) 600 x 900 x400
Net Dimensions				
Net Weight in Kg. (Approx.)	47 Kg	80 Kg	80 Kg	80 Kg

***Multi head upon request**

NOZZLES ARE DESIGNED ACCORDING TO APPLICATION AND AS PER REQUIREMENT



APPLICATIONS OF IEEC PLASMA TREATERS

One Machine. Endless Applications.



Moulded Objects, Signages, EPDM Profiles, Seals, and many More Applications.....

IEEC POWER ELECTRONICS PVT. LTD.

IEEC House, 72 BCD Government Industrial Estate,
Charkop, Kandivali (W), Mumbai 400067, MADE IN INDIA
T : + 91-22-4241 8282 | E : info@ieecpe.com | W : www.ieecpe.com

