

Products for Industry

Plasma Cleaner (Parallel Electrode, Compact)

PiPi

Item Code : 00

Model : PiPi

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Plasma Cleaner (Parallel Electrode, Compact) (PiPi)

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Product Summary

Small and compact, suitable for R&D purposes

Features of Plasma Cleaner (Parallel Electrode, Compact) (PiPi)

Small and compact, suitable for R&D purposes

Compact design, RIE (Reactive Ion Etching) mode

Feature

Economical plasma cleaning machine

Feature

Simple plasma processing operation

Feature

Among the plasmatized gases, in addition to ions and electrons, there are electrically neutral atoms and molecules that electrons have moved to the electrical excitation.

Feature

By sputtering effect by ions, it is possible to remove not only organic matter on the surface of the object but also inorganic matter.

Specifications

Specifications

Item Code	00
Model	PiPi
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Plasma mode	RIE (reactive ion etching)
Electrode structure	Parallel flat panel type
Electrode dimensions	W130×D130mm
Internal dmsions	W230×D130×H100mm
External dimensions	W438×D520×H565mm
Power source (50/60Hz)	AC115V/AC220V Single phase with step-down transformer
Vacuum meter	Bourdon gauge
Controller	Sequencer
Operation/display unit	4.5-inch monochrome STN touch panel
High-frequency out-put power	50-200W
Reference oscillator	Quarts oscillator
Oscillation frequency	13.56MHz
Output setting	Manual setting knob
Matching method	Auto tuning
Purge gas	N2 1/4-inch bite type tube fitting
Reaction gas	Ar mass flow meter 1/4-inch bite type tube fitting
Internal dimensions (W×D×H mm)	230×130×100mm
External dimensions (W×D×H mm)	438×520×565mm
Power Source	115V /220V Single phase with step-down transformer
Weight	50kg

Maintenance and warranty

Conditions: temperature and humidity: 23 deg.C+/-5 deg.C, 65%RH+/-20% (no load)

External dimensions do not include protrusions.