

Ultra high density atmospheric pressure plasma unit

Tough Plasma ATOM

Features

Easy to install and operate

- Plasma processing is possible with compressed air and electricity only
- Drastically reduce initial and running costs compared to existing models

Ultra high-speed processing

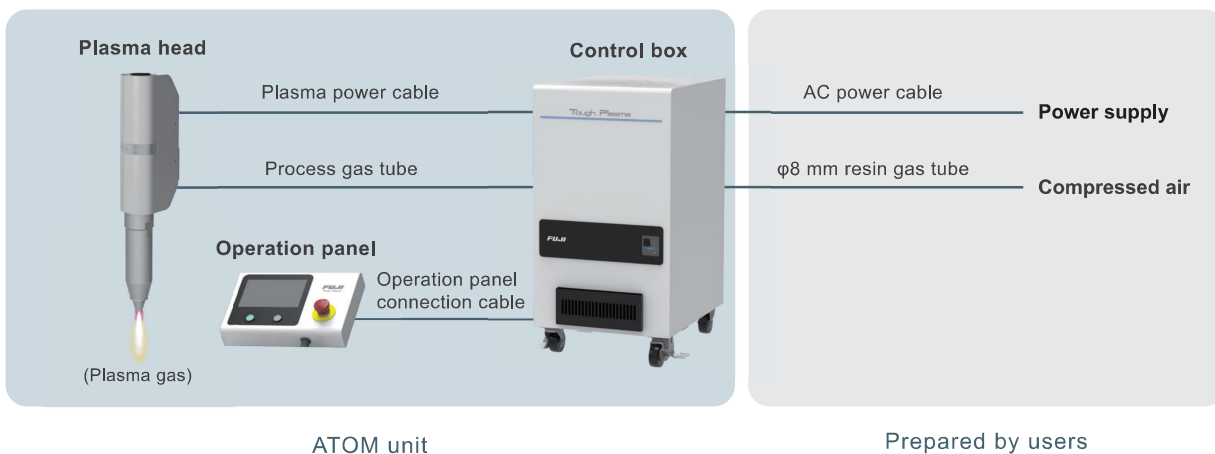
- Realize ultra high density plasma processing developed by Fuji
- Realize ultra high-speed processing in plasma processing using air

Maintenance free

- Maintenance is required once or twice a year
- Consumable parts can be replaced easily by users



Components



Cockpit displays

- Housing section sealing
- OCA, OCR application



Inverters Converters

- Case and cover sealing



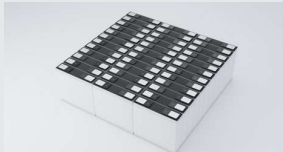
Engines Transmissions

- Oil pan sealing
- Engine block sealing



Batteries for automotives and industrial use

- Cell and case sealing
- Cells sealing
- Cell cover sealing



Example use

Preprocessing before
applying adhesive,
sealant, and FIPG

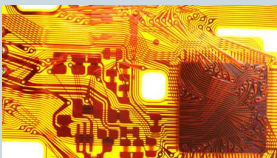
Motors

- Case and cover sealing
- Shaft and magnet sealing



Flexible boards

- ACF bonding



Resin sashes

- Resin frame sealing
- Frame and glass sealing



Air conditioner compressor units

- Inverter sealing



Specifications

Nozzle tip	Spot type	φ4 mm straight nozzle
	Wide type	* Under development
Processing gas		Air: 40 L/min
Power supply		AC 200 to 240 V (Single Phase)
Electricity consumption		900 W
Dimensions	Plasma head	89 x 83 x 300 mm
	Control box	400 x 590 x 756 mm
	Operation panel	330 x 102 x 218 mm
Unit weight	Plasma head	1 kg
	Control box	55 kg
	Operation panel	3 kg

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