

# JOT400 Plasma Cell

A Lean Desktop Robot For Focused Plasma Treatment

JOT400 Plasma Cell with a programmable path control system is designed for focused plasma treatment. It performs cold plasma pre-treatment to areas where it is needed to gain a high-quality tape or glue joint, leaving easily harmed touchscreens untouched.

This generates less costly scrap in the display gluing process.

The tested and reliable JOT400 Plasma Cell cleans and removes tension from surfaces to achieve stable adhesive bonding. An automated process with an integrated plasma brush application remarkably improves product quality.



## KEY FEATURES

Precise plasma handling for a high-quality tape / glue joint	Programmable plasma path control system
Less waste	Plasma brush application
Fully automated robot in a desktop size	Easy to use touchscreen UI
Handy to place and move	For product sizes from a wristwatch up to 10-inch tablets
Fast and reliable	

## MACHINE IDENTIFICATION

Machine name and code:  
JOT400 Plasma Cell J500-13

## STANDARD FEATURES

X-Y-Z servo axes

Touch screen User Interface

Atmosphere plasma brush process

Plasma path control

Plasma flame sensor

ESD-safe design

CE-safety compliant

## INSTALLATION REQUIREMENTS

Power supply: 230 V / 50 Hz

Compressed air connection: 0.5 MPa ( 73 psi)

Exhaust fumes removal flow: >50 l/min

## CONTACT US

Please, find all the contact details from our website [www.jotautomation.com](http://www.jotautomation.com) or send an inquiry to [info@jotautomation.com](mailto:info@jotautomation.com)

## OPTIONS

Interface to factory dust and fume extraction system

## CONTROLLING

PC control

Path control for plasma handling

Touchscreen UI

Library for several product programs

## PRODUCT SPECIFICATIONS

Max product size: 250 mm x 160 mm (9.8" x 6.3")

## TECHNICAL CHARACTERISTICS

Machine dimensions:  
400 mm x 740 mm x 645 mm (15.7" x 29.1" x 25.4")

Axis working area, X, Y, Z: 260 mm x 170mm x 100 mm  
(10.2" x 6.7" x 3.9")

Payload: 1 kg (2.21 lb)

Plasma beam accuracy: ±1 mm (0.04")

Machine power: 24 VDC / 2 A

