



IAR-DS-ZAST001EN

ZAST™ Plasma Cell

ZEUGMA's Agile Surface Treatment

Plasma Treatment Cell Datasheet - IAR-DS-ZAST001EN

THE IDEAL SOLUTION FOR STAND-ALONE SYSTEMS IN LABS, TECHNOLOGY CENTERS OR EVEN FOR IN-LINE INTEGRATION.

Wide range of solutions for effective cleaning, ultra-fine cleaning, as well as for activation of surfaces made of metal, plastic, glass and composites.

Technical data

Cell size:

1000 x 1000 x 2200mm

Plasma Characteristics:

Wide range of solutions for effective cleaning, ultra-fine cleaning as well as for activation of surfaces made of metal, plastic, glass and composites.

Electrical connection:

400V, 50Hz, 25A

Compressed air supply:

5 – 7bar

Main features:

Integrated electric cabinet, compressed air treatment unit, controllers and exhaust, intuitive HMI, ergonomic; easy access, compact and robust, closed cell with safety locks, easy to setup and program, network connection and manual drawer for easy exchange of parts to treat.

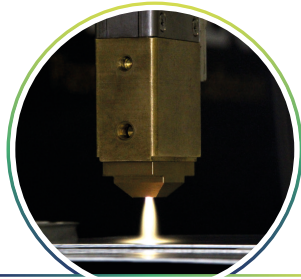
Applications:

- Surface treatment prior to bonding or printing
- Ultrafine cleaning
- Surface activation
- For almost all materials: metal, plastic, glass and composites
- Laboratory testing & prototyping
- Pre & small series
- Universities & Research Institutes





Available in two different configurations.



A powerful plasma nozzle with patented discharge technology.

ZAST-G100



ZAST-R100



Technical data

	XYZ GANTRY (*)	INDUSTRIAL ROBOTICS
Type of motion	Fully automated XYZ Gantry	6 degrees of freedom robot
Max workpiece size	500 x 500 x 190mm	500 x 500 x 350mm
Max allowable weight	< 15Kg	< 15Kg
Treatable area	500 x 375mm	500 x 375mm
Z stroke	200mm	400mm
Maximum treatment speed	400mm/s	1100mm/s
Options	<ul style="list-style-type: none"> • Integrated compressor • Automatic double shuttle • Turntable • High speed gantry (up to 1600mm/s) 	<ul style="list-style-type: none"> • Integrated compressor • Automatic double shuttle • Turntable

(*) - XYZ Gantry with positive pressure linear axis for extended life

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We are the industrial automation & robotics group.

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