



XTEC | SERIES PRODUCTION

SKU: N/A
140.000,00 € – 160.000,00 € excl. VAT



Categories: [Machines](#)

VARIATIONS

Image	SKU	Safety enclosure	Price
	S1-0006	UV and laser protective glass (wave length 940 - 1,065 nm)	160.000,00 € excl. VAT
	S1-0005	UV protective glass	140.000,00 € excl. VAT

BESCHREIBUNG

Manufacture your complex products within the shortest possible time with a compact fully automatic machine. The

OurPlant XTec is the all-round solution for the challenging tasks of micro-assembly. The modular system of the machine guarantees the adaptation to individual and fast changing process requirements.

Thanks to the high variability of processing heads and base plate modules, the OurPlant XTec enables the highest level of process diversity and flexibility.

Micro assembly, micro dispensing and laser soldering tasks can be realised in combination.

Technical information:

- Machine frame and housing with integrated UV protective glass, optionally with laser protective glass
- 2-axis gantry system (X, Y)
- Processing heads with integrated Z-axis
- Operating panel
- Software and control with integrated industrial PC
- Interface with 10 electrical connections (5x CAN, 5x Ethernet) for taking up processing modules up to a total width of 150 mm (in basic version), optionally expandable up to 300 mm

Advantages:

- Ideal for small and medium batch sizes
- Low set-up effort thanks to real "Plug & Play" capability
- Easy integration into a production line by using a transport system
- Software-based system control

Note: Please use the laser protective glass for laser configuration.

MORE INFORMATIONS

Dimensions in mm (W x D x H)	1.735 x 1.455 x 2.400
Installation surface / centre distance of the machine feet in mm (W x D)	1.135 x 1.105
Dimensions of the machine feet in mm (Ø)	120
Min. distance to surrounding objects in mm	600
Weight in kg	ca. 1.200
Max. functional area in mm (X,Y)	500 x 500
Repeatability in mm	± 0,001
Max. speed x-axis in mm/s	1.600

Max. speed y-axis in mm/s	1.600
Max. acceleration x-axis in mm/s²	25.000
Max. acceleration y-axis in mm/s²	15.000
Power Supply	400 VAC, 3L + N + PE, 50 ... 60 Hz, 16 A
Average energy requirement in kWh	0,7
Compressed air requirements	≥ 5 bar (optimal > 6 bar), 100 l/min, gereinigt, trocken, ölfrei
Max. relative humidity in %	60
Certification	CE konform , ESD Schutz

