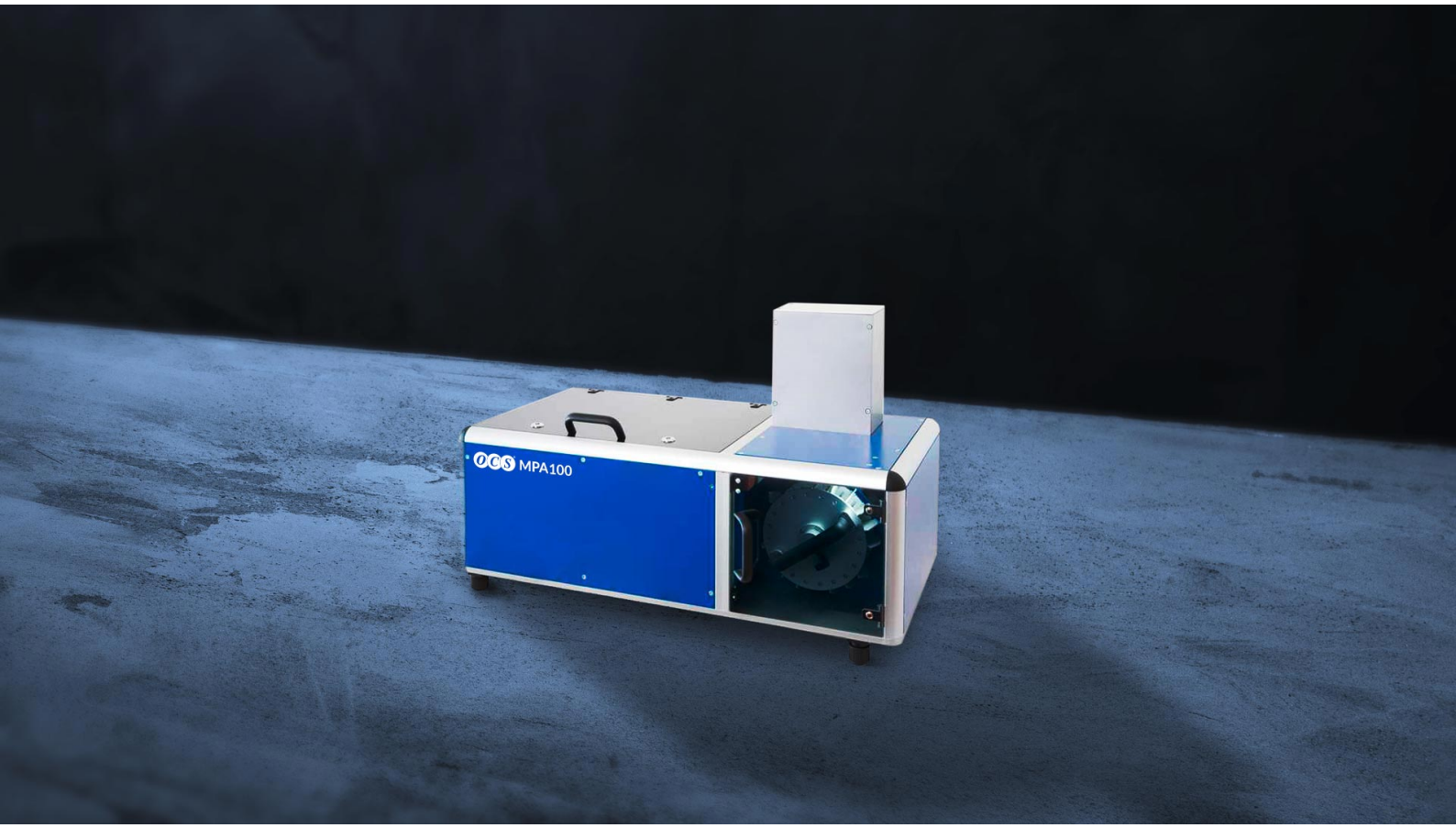
Optical Control Systems



Multiple Plaque Analyser (MPA100)

The OCS Multiple Plaque Analyser (MPA100) is a compact tabletop device consisting of a high-resolution camera and an illumination unit for the detection of defects on transparent and opaque material plates in the laboratory or in research and development centres. It is able to detect a variety of irregularities such as holes, scratches or other surface contamination. After the samples are fixed in the magazine (capacity of up to 20 flat blanks), a robotic system automatically cleans each plate of dust and places it in the measuring chamber. All images from the camera are analysed and stored by special software.

Testable Raw Materials

- Transparent plaques (polypropylene, polyethylene, polycarbonate, glass, etc.)
- Opaque plaques (ABS, paper, metal, textiles, etc.)

Features

- Magazine for up to 20 plates
- Ionic air cleans the samples before each detection
- Automated plaque rotation function for plaques for double-sided detection
- Fast evaluation and presentation of the measurement results in various tabular display formats
- Defect visualisation – the defects on both sides of a plate are displayed as defect images in a mosaic view
- Log data can be exported into all common file formats, such as Microsoft Office Excel, Word, etc.

Sales Team



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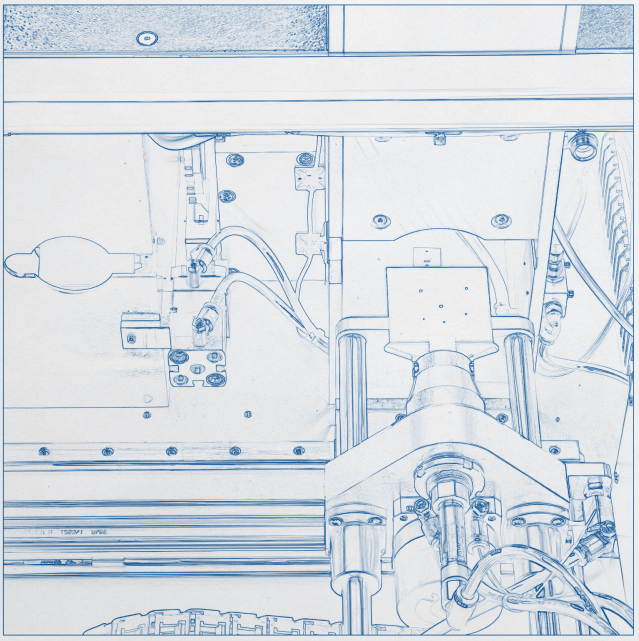
Address

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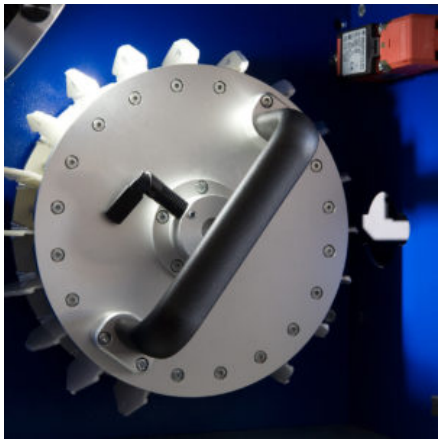
Optical Control Systems

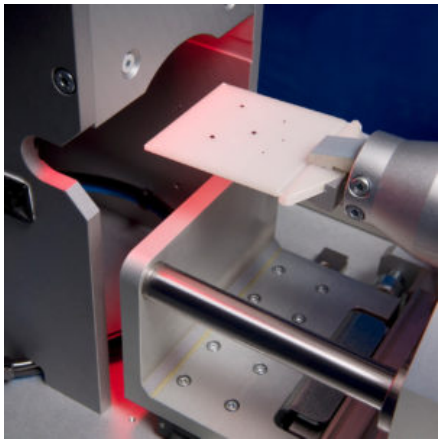
Technical Details

Camera	3CMOS area scan camera
Resolution	25 µm (others on request)
Inspection range	36 × 24 mm (others on request)
Lighting	Reflection or transmission mode, LED lighting
Communication protocol	MODBUS (RTU, TCP/IP), PROFIBUS, PROFINET, OPC (Server/Client), CSV file, customer-specific



More Product Pictures





Similar Products



Sample Tester (ST4)

The OCS Sample Tester (ST4) is a compact tabletop unit for the optical analysis of transparent and non-transparent surfaces, such as plastics, steel, paper, textiles and non-wovens, for irregularities and contamination. It is used in the laboratories of manufacturing companies as well as in research and development centres. The system can operate in reflection or transmission mode depending on the material. [vc_column width=”1/2] Testable Raw Materials Transparent and non-transparent surfaces, such as plastics, steel, paper, textiles and non-wovens [vc_column width=”1/2] Features Reflection or transmission mode depending on the material type Learning function for saving defined error types for later analysis … [read more on our Website]

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