

## 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



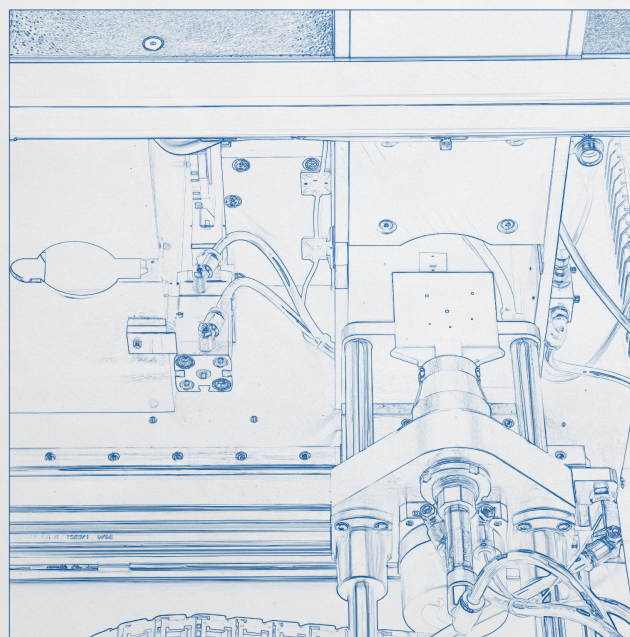
T +49 2302 95622-0  
F +49 2302 95622-33  
info@ocsgmbh.com  
www.ocsgmbh.com

### Address

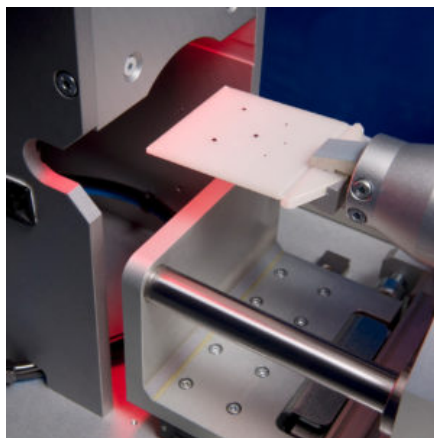
OCS Optical Control Systems GmbH  
Wullener Feld 24  
58454 Witten  
Germany

## Technical Details

<b>Camera</b>	3CMOS area scan camera
<b>Resolution</b>	25 µm (others on request)
<b>Inspection range</b>	36 × 24 mm (others on request)
<b>Lighting</b>	Reflection or transmission mode, LED lighting
<b>Communication protocol</b>	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 ... [read more on our Website]

Images, drawings and data are non-binding and subject to modification without prior notice. © 2025. All rights reserved - OCS Optical Control Systems GmbH | Wullener Feld 24 | 58454 Witten, Germany