Optical Control Systems



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.

Testable Raw Materials

- Transparent and non-transparent surfaces, such as plastics, steel, paper, textiles and non-wovens

Features

- Reflection or transmission mode depending on the material type
- Learning function for saving defined error types for later analysis
- Easy access for sample exchange

Sales Team



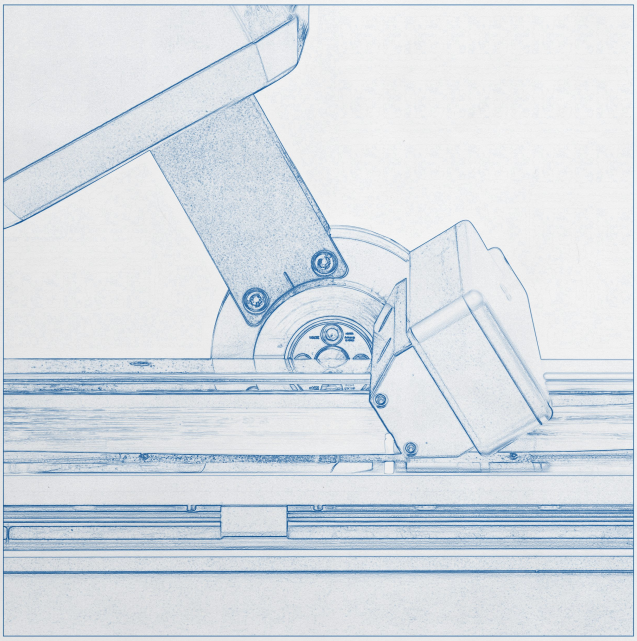
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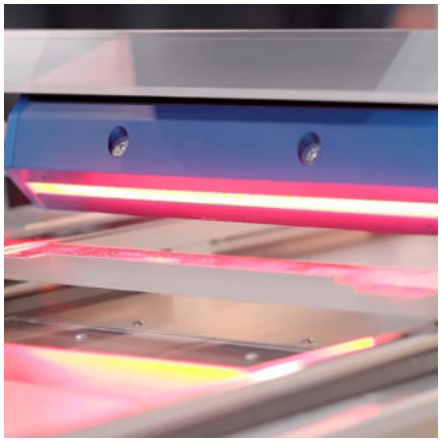
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Technical Details

Camera	3CMOS line scan camera
Resolution	25 µm or 50 µm (others on request)
Effective Inspection width	0.8–160 mm (adjustable)
Effective Inspection length	0.8–400 mm (adjustable)
Lighting	Special LED line construction lighting, reflection or transmission mode, width: 250 mm (others on request)
Communication protocol	MODBUS (RTU, TCP/IP), PROFIBUS, PROFINET, OPC (Server/Client), CSV file, customer-specific



More Product Pictures



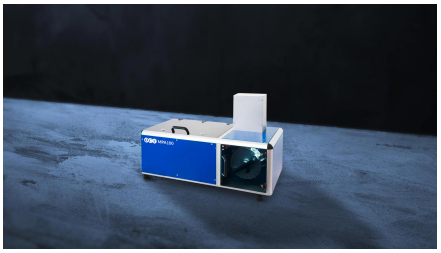


Similar Products



Web Inspection System (FSP600)

With the OCS Web Inspection System FSP600, all types of irregularities in films, laminates and non-wovens can be detected in real time using high-speed cameras. They defects often reduce the quality of the film and the end product. These include gels, burners (black specks), fisheyes, holes, wrinkles, scratches, coating defects, water droplets, oil stains, insects, bubbles, nozzle marks and craters, etc. Additional features of the FSP600 system are the data transfer of real-time results to the production and process control as well as product improvement by sorting/labelling contaminated web sections. [vc_column width="1/2] Testable Products Blown films, cast (flat) film and … [read more on our Website]



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. … [read more on our Website]

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