

Liquid Analyser (LA20)

The OCS Liquid Analyser (LA20) is used for optoelectronic inspection of cellulose ethers dissolved in water (e.g. methyl cellulose). This enables the detection of insoluble components. The high-resolution colour area scan camera as well as the high-performance LED lighting are protected by the metal housing against dirt and dust. Special attention was given to the easy cleaning of the flow cell and the optical filters. The special design of the LA20 analysing computer allows a diverse and customer-specific system configuration or expansion. The real-time analysis software allows the operator to configurate the image processing freely. This includes, for example, the detection of contaminants via colour classes or the classification of detected contaminants into freely definable colour, size and shape classes.

Testable materials

- Transparent/translucent liquids

Features

- 3CMOS area scan camera
- Contamination size from 10 µm by inspection of the liquid in transmitted light
- Stable & precisely manufactured metal housing protects against dirt and dust
- Simple disassemblable measuring unit for easy cleaning of the flow cell
- Customer-specific system configuration or expansion
- Visualisation of real-time results

Consisting of

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

- LA analysing computer
  (incl. screen, keyboard, mouse)
- LA system

Images, drawings and data are non-binding and subject to modification without prior notice. © 2026. All rights reserved - OCS Optical Control Systems GmbH | Wullener Feld 24 | 58454 Witten, Germany

Technical Details

Camera	3CMOS area scan camera
Resolution	10 µm (others on request)
Lighting	High-performance LED
Communication protocol	MODBUS (RTU, TCP/IP), PROFIBUS, PROFINET, OPC (Server/Client), CSV file, customer-specific

More Product Pictures

