Optical Control Systems



Powder Tester (PT2C)

With the OCS Powder Tester (PT2C), powdery materials can be analysed on a vibration plate using a colour matrix camera. The system detects impurities that show a colour deviation from the product. An additional feature of the PT2C is a sorting system (optional) that sorts out the contaminated powder. Further advantages are the data transfer of the real-time results to the production and process control as well as the subsequent evaluation of the sorted-out powder by further analysis systems.

Testable Raw Materials

- Powdery materials (free-flowing)

Features

- High-performance 3CMOS colour matrix camera
- Smallest detectable contamination size: 10 µm
- Throughput rate of up to 1200 g/h depending on the material and resolution
- Visualisation of the real-time results
- Sorting system for sorting out the contaminated powder (optional)

Sales Team



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

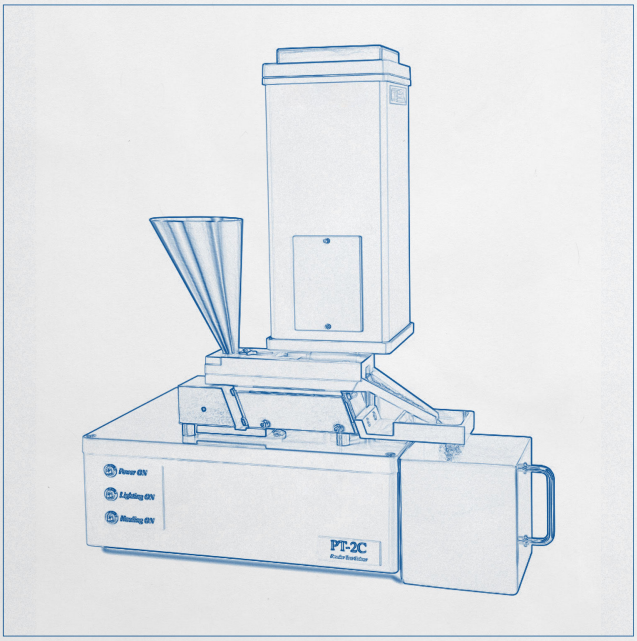
Address

OCS Optical Control Systems GmbH
Wullener Feld 24
58454 Witten
Germany

Technical Details

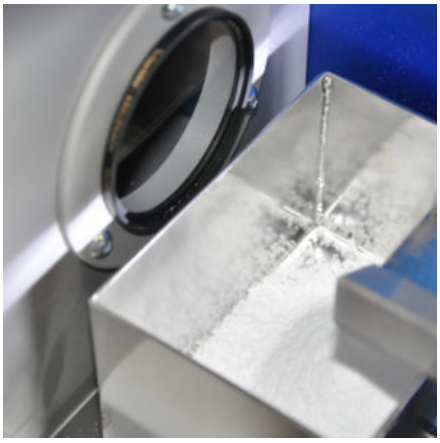
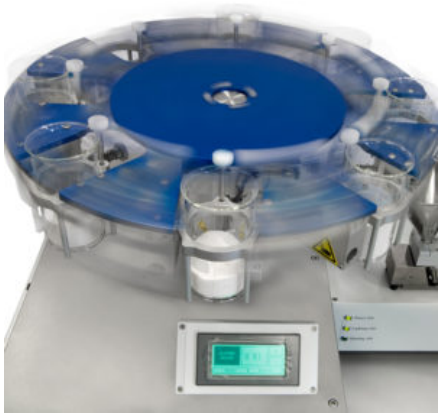
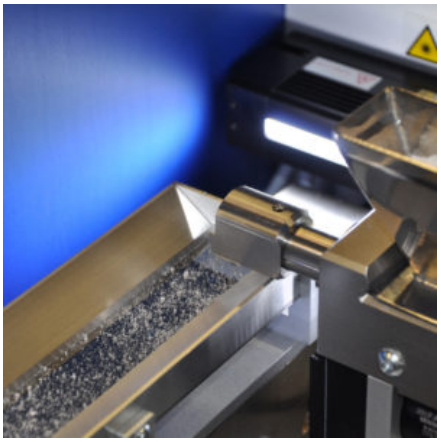
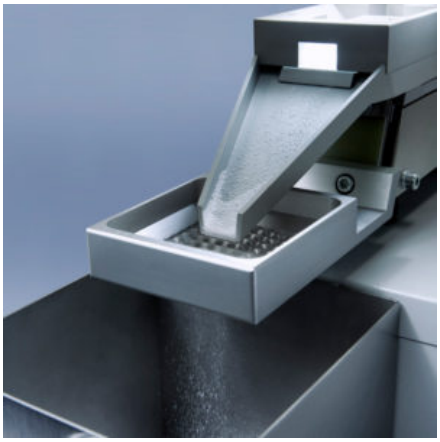
Camera	3CMOS colour matrix camera

Resolution	10 µm
Lighting	High-power LED with white light spectrum
Communication protocol	MODBUS (RTU, TCP/IP), PROFIBUS, PROFINET, OPC (Server/Client), CSV file, customer-specific



More Product Pictures



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