



## Pellet Size & Shape Distribution Measurement (PSSD)

With the OCS Pellet Size and Shape Distribution System (PSSD), all types of pellets can be analysed in free fall by using a line scan camera. The system classifies pellets (over and undersize, abrasion, agglomerates, etc.) according to their morphological properties. Further special features of the PSSD are the monitoring of the pelleting system (degree of abrasion of the cutters), the determination of the pellet weight (with optional weighing system) and the data transfer of the real-time results to the production and process control.

### Testable Raw Materials

- All types of pellets

### Features

- High-speed CMOS line scan camera (monochrome)
- Contamination size as of 71 µm
- Throughput rate of up to 18 kg/h depending on pellet properties
- Visualisation of the real-time results

### Compatible with

- OCS Pellet Scanner (PS25C)

### Sales Team



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

### Address

OCS Optical Control System GmbH  
Wullener Feld 24  
58454 Witten  
Germany

## Technische Daten

<b>Camera</b>	CMOS color matrix camera
<b>Resolution</b>	71 µm
<b>Lighting</b>	High power LED with white light spectrum
<b>Communication protocol</b>	MODBUS (RTU, TCP / IP), PROFIBUS, PROFINET, OPC (Server / Client), CSV-file, customer-specific

### Additionally available add-on

- Multi-Hopper System (MHS)
- Weighing system

### Optional

- Customer-specific data preparation and transfer
- Remote control (via communication protocol or digital I/O)

## More Product Pictures



## Similar Products



### Colour Measurement (CM3)

With the OCS Colour Measurement (CM3) all types of pellets can be analysed with the use of a colour spectrometer in a measuring channel ... [read more on our Website]



### Pellet Analysing System (PA66)

The modular OCS Pellet Analysing System (PA66) consists of the following components: The Pellet Scanner (PS25C) detects impurities that show a colour deviation from ... [read more on our Website]



### Pellet Transport System (PTS)

The OCS Pellet Transport System (PTS) is a control system that ensures the continuous and automatic transport of plastic granules (pellets) between production lines ... [read more on our Website]



### Pellet Scanner (PS25C)

With the OCS Pellet Scanner (PS25C), highly transparent and opaque pellets can be analysed on a vibration plate with the use of a colour ... [read more on our Website]

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