

# Powder and Granulation contamination analyzer!

EyeTech Contamination



EyeTech Contamination | Powders and granules Contamination Analyzer System

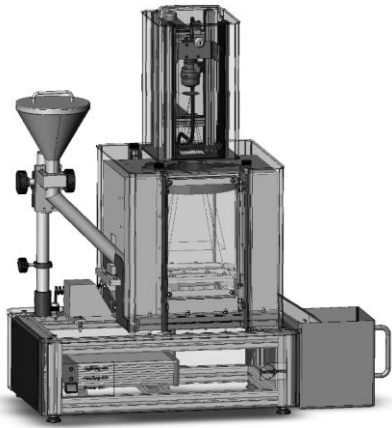


Detecting any type of contamination



More information! | Ask our sales representatives for more information. [info@ambivalue.com](mailto:info@ambivalue.com)

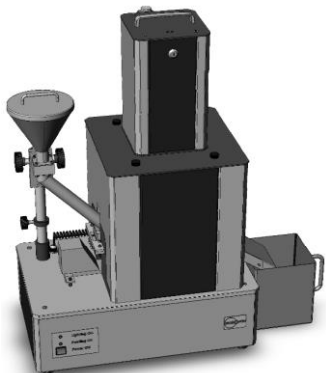
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### EyeTech Contamination.

Contamination analyzer for Powder & Granules  
This system enables impurities and foreign material to be analyzed in powders and granules. This top of a range system is equipped with high resolution USB 3 CMOS camera (1936x1216) pixels, full color analyzer, 161 f/s) allowing to view and document the results in a best quality. Its so easy to operate it that even non qualified personnel can provide a measurement!

**EyeTech Contamination Powder & Granules Analyzer** guarantees high throughput and is capable to inspect up to 1 kg of powders per hour and up to 12 Kg of pellets per hour. And what is extremely important, the instrument can be applied for inspecting materials on the production line using a so called bypass system. That means you can analyze granules during the production process thus efficiently increase the output quality. The system can be extended to a full sorting system. Ask our sales people for more information.



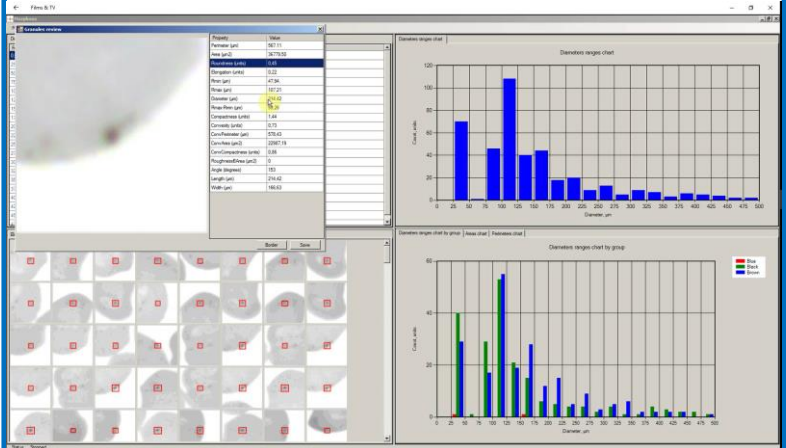
## Contamination counting in plastic particles! EyeTech Contamination

Repeatability over multiple measurements! User definable operation options! An abundance of result display options!



### EyeTech Contamination Concept

With state of the art machine vision technology implemented, this instrument is capable of detecting all possible contaminations in the pellets or powders. Full detailed recipes of various types can be entered in the analyzer. Standard info such as operator, date, product, Lot number, quality limits, process interfacing and many more. The software shows the specific mosaics of the contaminant. Histograms of the contaminants are displayed in accordance with the client's specification.



### Specifications

Temperature Range	15-40 °C
Power Supply	230V AC/115V AC, 50/60 Hz
Camera	USB 3 CMOS resolution: 1936 x 1216, 161 f/s, Pixel size 5.86 µm: Color calibration module.
Power consumption	18W
Light Source	LED Ring light, white light spectrum
Size range:	From 1µm till cm
Throughput resolution (for pellets)	20 µm with 20 mm inspection width, the throughput is 1 – 3 kg/hr 40 µm with 40 mm inspection width, the throughput is 2 – 6 kg/hr 60 µm with 59 mm inspection width, the throughput is 6 – 12 kg/hr
PC	SDD SanDisk Ultra II SDD5SDHII-120G-G25 HDD Western Digital Blue WD10EZEX 1 TB Motherboard Gigabyte GA-Z97X-UD3H RAM Kingston HyperX Fury Black HX318C10FBK2/16 16 GB DDR3-RAM Processor Intel® Core™ i7 i7-4790K Quad Core 4 x 4.0 GHz Graphics Card PNY VCQK2200-PB 4 GB Power supply Coolermaster G750M 750 W PC box Cooler Master Black
Software	Windows® & (or higher). Powered by Mishell® Mishell is a registered trademark of Microptix BV Windows ia a registered trademark of Microsoft corporation
Dimensions (LxWxH)	50 x 60 x 50 cm
Weight	32 kg

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