



Effective Optical Systems

Oct 2017 – v0.92

Thematic brokerage workshops

EU Brokerage Event on Kets in Horizon 2020

Strasbourg, 17th October 2017

CLASSIZER™ ONE v0.7

key enabling solution for the characterization and development of products based on micro and nanoparticle in biological, industrial and environmental complex fluids



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WS.3 NMBP for Healthcare and biotechnology
and Cooperation with Asia/USA

EOS develops novel solutions for the characterization and design of micro and nanoparticles in biological, industrial and environmental complex fluids

December 2016
CLASSIZER™ ONE
CE mark (EN61010...)



2018/Q1
CLASSIZER™ ONE
Beta Product Release



July 2014
EOS S.r.l. foundation
Innovative Startup

2014-2016
SPES Production
Design & Prototype
Validation



2017-2018/Q1
Betatesting of CLASSIZER™ ONE

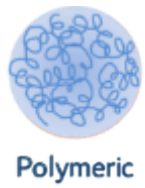
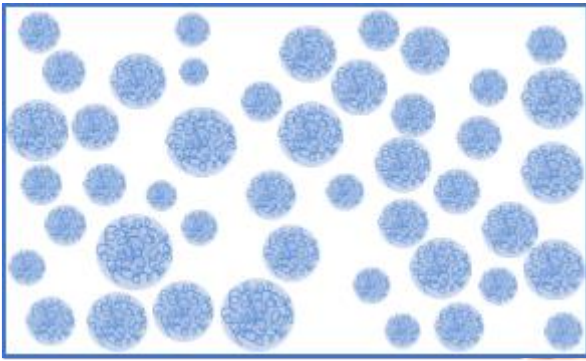


SME Instrument Ph1
approved

**WE ARE AVAILABLE AS A
PARTNER FOR PROJECTS
WHERE PARTICLE
ANALYSIS IN COMPLEX
MEDIA IS REQUIRED**

Traditional Technologies for Particle Sizing Limits

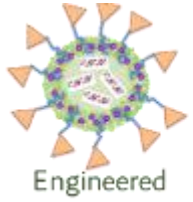
Measure one parameter > consider ALL particles as perfect, uniform spheres of the same material



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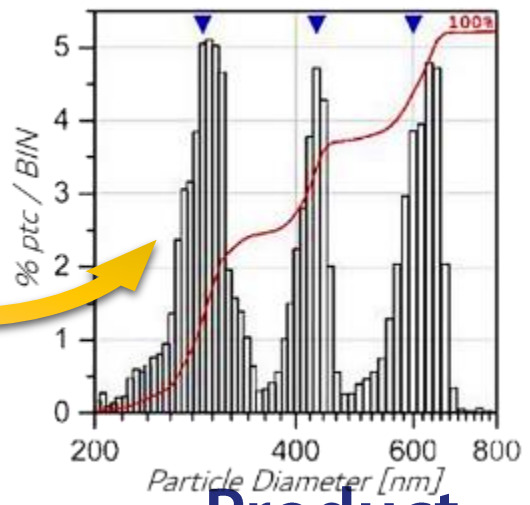
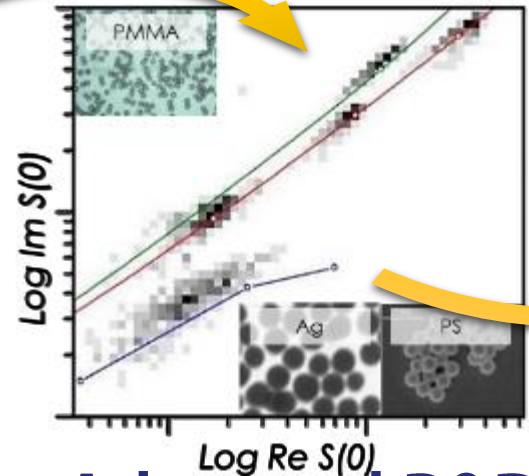
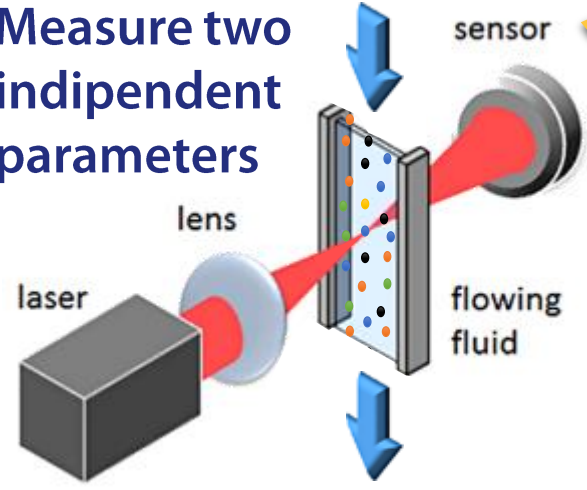


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CLASSIZER™ ONE v.07 – Single Particle Extinction & Scattering (SPES) patented technology

Measure two independent parameters



Early R&D



- High size resolution
- Structural Studies
- Materials classification



Advanced R&D

- Work in Complex fluids
- No purification or filtration
- Aggregation, Degradation

Product

QC



- Real time
- On-line
- In-line

& Wetting characterized





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