

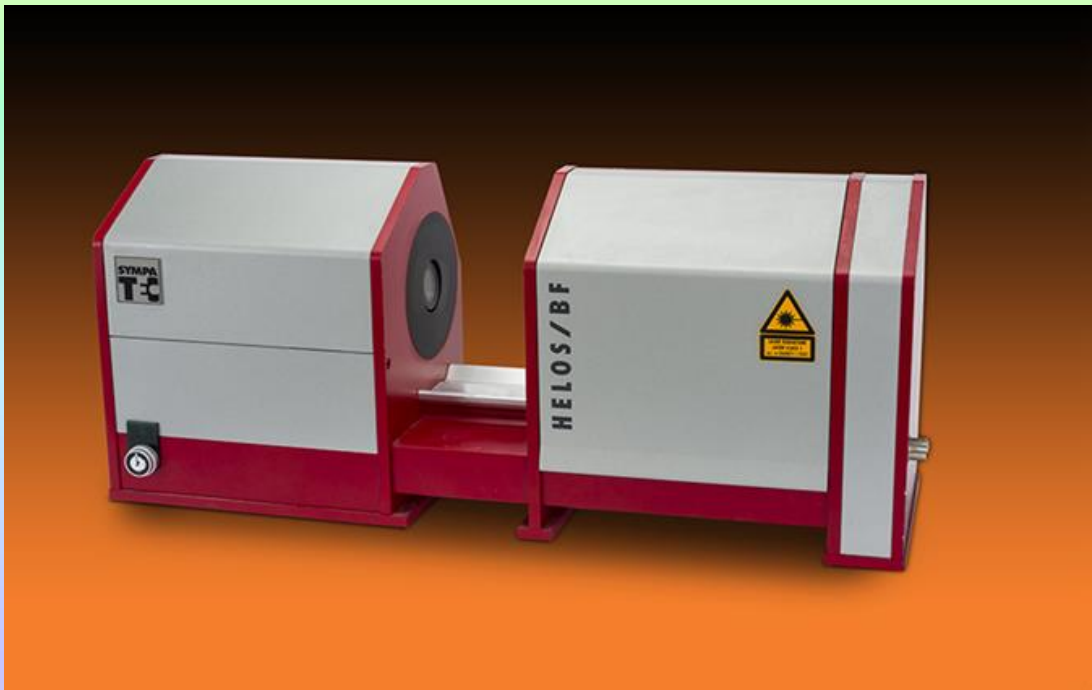


Testing Department

HELOS

Particle Size Distribution

Analyzer



Virtual Prototyping Services
<https://SimAltum.com>
807-700-5504



This is a commercial system that performs particle size distribution (PSD) analysis using parallel beam laser diffraction. A sample of the particles suspended in a liquid can be placed at the center of the machine. A laser beam is then reflected through the sample where subsequent images can be taken of the particulate sample. The images are automatically processed using the software package provided by the manufacture and information about the particulate sample can be obtained.

CAPACITY

- Measurement range is approximately 0.1 μm to 800 μm particles
- Analysis volume: 250 ml – 1000 ml
- Samples can be powders or granules

SPECIAL FEATURES

- Density Distribution
- PSD (D10, D50, D90 etc.)
- PSD Curves
- Standard deviation of particle sizes



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