



## Specialist for Inline Particle Measurement Technology

SOPAT develops and markets an image-based, photo-optical measurement and analysis tool that enables real time, quantitative characterization of particulates in multiphase systems. The focus of our work is the development of an individual customized measurement technology to ensure process optimization.

### The Benefits of the SOPAT Particle Measurement Technology:

- Inline Measurement
- Real Time Process Monitoring
- Simultaneous Analysis of Diverse Particles
- Process Optimization
- Quality Control
- Identification and Differentiation of "false" Particles (e.g. bubbles)



## 在线颗粒测量专家

SOPAT开发并销售基于图片的光学测量和分析技术，借此可实现多相系统中颗粒的实时定量表征。SOPAT致力于为每个客户提供个性化定制的测量技术以优化流程。

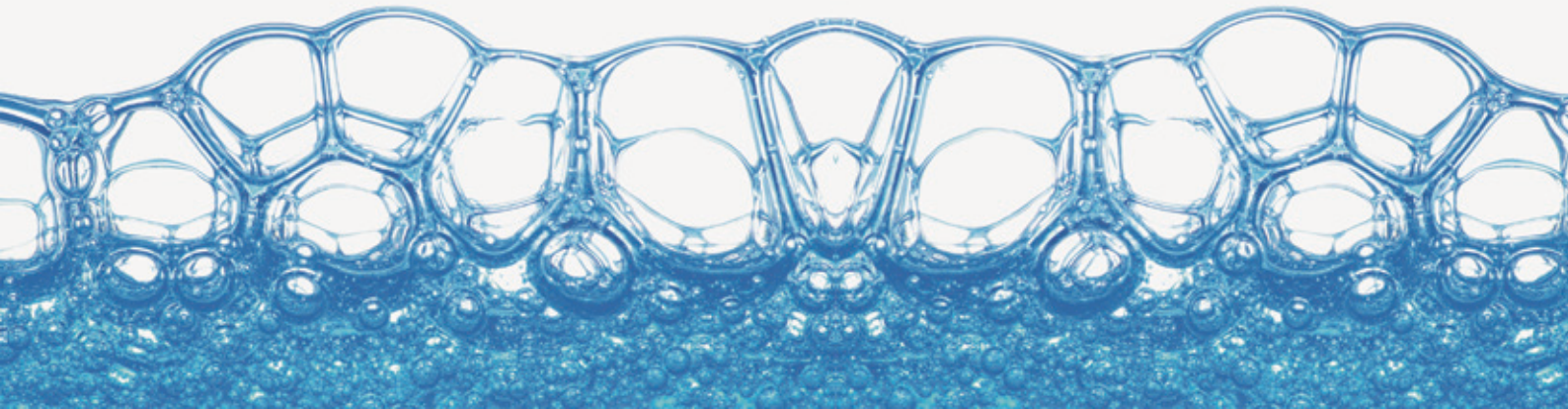
### SOPAT颗粒测量技术的优势:

- 在线测量
- 实时过程监控
- 多种颗粒同时分析
- 过程优化
- 质量控制
- 识别和区分“错误”颗粒（如气泡）



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## Particle Analysis 4.0 for Extraction and Dispersion Processes

Extraction, emulsion, and dispersion processes are elementary procedures of industry. Knowledge about bubble, drop or particle sizes during the process makes it safer and more efficient. Our technology measures drop and bubble size distributions, where before no measurements were possible!

### The Benefits of the SOPAT Particle Measurement System:

- Optimize the Throughput and Yield of Your Production Process
- Direct Control – Without Sampling, Without Dilution
- Monitoring the Purity of the Product Streams
- Reduction of Operating Costs Through Fast and Efficient Intervention
- Control of Bubble Size Distribution And/Or Foam Stability



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## Particle Analysis 4.0 在萃取和分散过程的应用

萃取、乳化和分散过程是工业中的基本生产步骤。在相关过程中对于气泡、液滴或者颗粒尺寸的测量监控将使生产更加安全高效。我们的技术可精确测量液滴和气泡的粒度分布, 将以前无法实现的测量变为可能!

### SOPAT颗粒测量技术的优势:

- 优化生产过程并提高产率
- 在线监控—无需采样和稀释
- 监控产品流的纯度
- 快速且高效的工艺控制以降低运行成本
- 控制气泡粒度分布和 (或) 泡沫稳定性

