



## **Anton Paar launches the Litesizer™ 100: Particle analysis just got even simpler**

Since last year, the Litesizer™ 500 has been shedding light on particle systems by using light scattering. The Litesizer™ family is now set to expand with its newest member: the Litesizer™ 100. The ingeniously simple software and the key advances in particle-size measurements of the Litesizer™ 500 are now presented in a simplified version, which is the Litesizer™ 100.

The size and stability of nanoparticles and microparticles are crucial to their function as well as to their processing and transport properties. With the Litesizer™ 100 you can determine the particle size and transmittance on a wide variety of samples. The Litesizer™ 100 gives you rapid and accurate insight into your particle systems, and provides the tools for optimizing them by revealing how they change with time, pH, temperature, and concentration.

The Litesizer™ 100 is a streamlined version of the Litesizer™ 500, offering you the advanced particle size capabilities without the zeta potential technology.

The unique features of the Litesizer™ particle analyzers include:

- **ingeniously simple software.** The user interface is a one-page workflow, where input parameters, results and analysis are all on a single page. You can set up measurement series in a few seconds, and produce the analysis and report you need at the touch of a button. You can also compare results from different experiments when it's convenient for you.
- **continuous transmittance measurements.** This feature gives you instant feedback about your sample, and it allows the device to automatically optimize parameters like the focus position, measurement angle, and measurement duration.
- **an enclosed optical bench:** Highly sensitive measurement optics enable the accurate detection of even low-intensity signals, while the robust casing reduces the effects of vibrations and ensures that measurements remain unaffected by dust or temperature fluctuations.

The Litesizer™ 100 is a streamlined instrument that will simplify your particle analysis and free up your time, so you can concentrate on what your particles are doing, rather than trying to figure out how to use the device.

347 words, 2281 characters

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## Press Release – PR20161575

Released to be published after product launch



**Anton Paar**

Anton Paar GmbH was established in 1922 as a one-man locksmith's workshop. Today, over 2,000 employees worldwide develop, produce and distribute high-quality measuring instruments for the determination of properties such as density, temperature and viscosity as well as high-precision mechanical parts and assemblies. Anton Paar has strong links with universities and research laboratories worldwide. The company is owned by the Santner Foundation, which invests in research in the field of science and technology as well as in the rehabilitation of drug addicts.

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