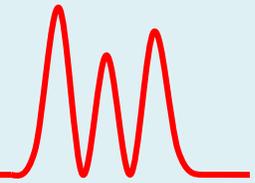


**CHDF4000**



*The New and Best* **CHDF4000:**  
True Particle Size Distribution Data  
 by *High-Resolution* Analysis

The CHDF4000 provides accurate Particle Size Distribution Data for complex samples such as this!

The CHDF 4000 Offers:

True PSD Data in ten minutes through capillary fractionation. No assumptions are needed regarding the shape of the Particle Size Distribution.



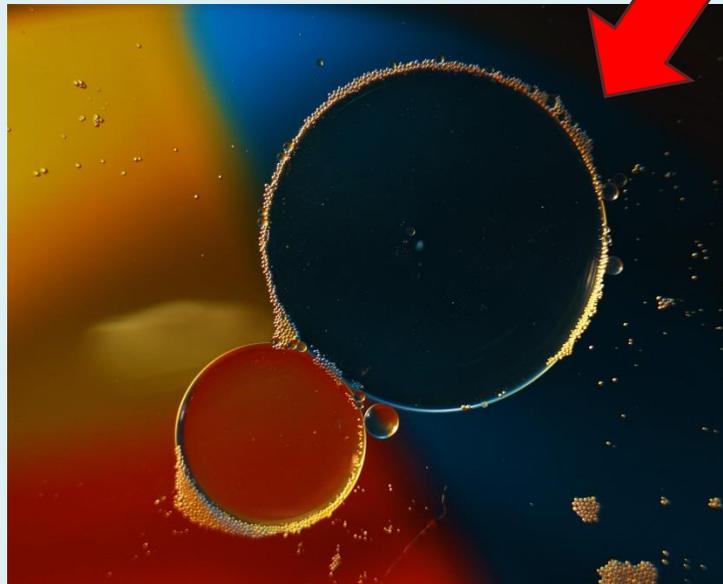
The latest technology for High-Resolution Particle Size Distribution (PSD) measurement, including High Particle Detection Sensitivity, Dynamic Range, and Nanoparticle Optimized analysis.

Accurate heterogeneous-sample analysis – including Copolymer Latex- thanks to its particle-density independent analysis.



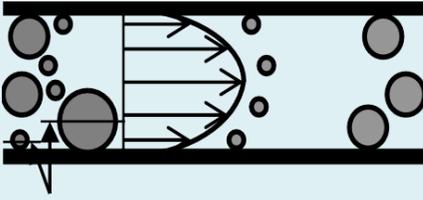
Automated/Unattended operation suitable for 24/7 operation.

And the highest level of technical support!

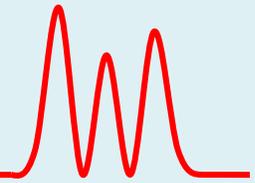


**Nanoparticles,  
 Emulsions,  
 Abrasives, CMP,  
 Inks, Pharma,  
 and others!**



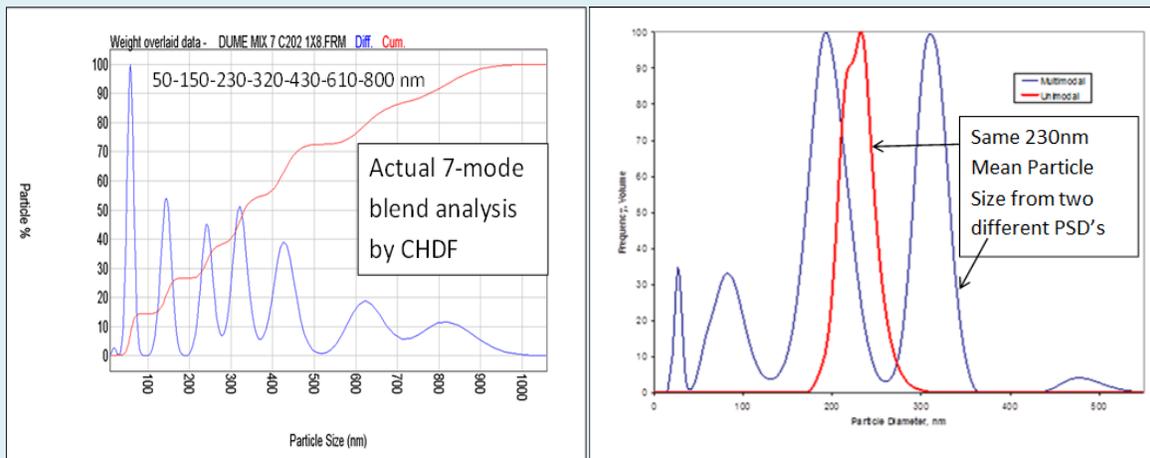


**CHDF4000**



Incorporating today's most advanced UV-Detection System, the new CHDF4000 is more powerful than ever! Unlike Light-Scattering instruments, the CHDF4000 reliably detects whether your samples contain multiple particle size populations. And, it finds smaller particles in the presence of larger ones!

The new CHDF4000 contains the latest advancements in High-Resolution particle size distribution (PSD) analysis. It separates particles by size using our exclusive Capillary Hydrodynamic Fractionation (CHDF) technique. Light-Scattering based instruments provide mainly *mean* particle size data –any mean particle size can be produced by an infinite number of PSD's (see below). Instead, the CHDF4000 provides ***complete, true, detailed*** PSD data in the 5 nm to 2  $\mu\text{m}$  range. Some typical CHDF4000 data shown below.



Feel free to contact Mass Applied Science for expert information!

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