

Dual-Light Nano Particle Sizer

Nanoemulsion | Ceramics | Nanoparticles | Abrasives | Liposome | Inks | Paints

Unique Benefits

- **Simple:** Sample preparation and analysis software is easy to operate
- **Dual:** Dual wavelength laser for wider range of sample
- **Sensitive:** High detection sensitivity, accurate precision and rapid measurement
- **Instant:** Real time detection of dynamic changes of the sample
- **Intelligent:** Fully automatic operation



Genizer Dual-Light Particle Sizer (GDPS) is a high-performance and general-purpose particle sizing instrument. With the technique of Dynamic Light Scattering (DLS), GDPS features high-speed digital correlator and high-performance photomultiplier tube as a core device, which have the characteristics of fast-speed, high-resolution accurate precision, high detection sensitivity, as well as the advantages of not destructing structure of original nanoparticles or contaminate testing samples. It can be widely used in pharmaceuticals, emulsions, ceramics, nanoparticles, abrasives, liposomes, inks, paints, dye, bacteria, food, clay, lubricants, dust, cells, fuels, photosensitive materials, additives and etc.

Specifications

Catalog No.	GDPS
Description	Dual-Light Nano Particle Sizer
Size Range	1nm-10 μ m
Accuracy	\leq 1%
Dimensions	250mm \times 150mm \times 460mm (9.8 in. \times 6 in. \times 18in.)
Weight	15kg (33Lbs)
Application	Emulsions, Liposome, Ceramics, Abrasives, Inks, Paints, Nanoparticles



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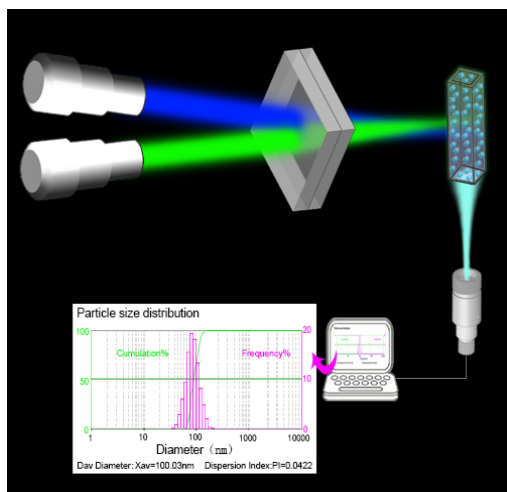
Dualight Nano Particle Sizer



Dual-light Particle Sizer

Standard Features

Control & Data Collection System	Connecting to a computer with LPSA software
Green Laser Source	Max. 30mW, 570nm
Blue Laser Source	Normal 10mW, 470nm
Supply Voltage	110V/220V 50/60Hz
Temperature	0°C-79.9°C±0.1°C
Concentration Range	0.1mg/mL-100mg/mL
Scattering Angle	Vertical
Sampling Time	Less than Four Minutes
Detector	Photomultiplier tube (PMT)
Warranty	1 year against any manufacturing defects



Dual Laser Principle

Option Features

Power supply	Precision UPS voltage stabilizer
Clean	Ultrasound Washer