

WJL Laser particle size analyzer



Characteristics

Work principle

- The laser particle size analyzer is based on full measuring range of MIE scattering theory, sufficiently considering the optics nature such as sample and decentralized medium refraction coefficient and so on.
- On the basis of laser illuminate size and the size distribution regular pattern of scattering light energy that comes from the sample inversely calculates out sample group

Technique

- The particle laser particle size analyzer work principle is well-developed hardware design is very reasonable, the product is designed according to the international engineering standard ISO-13320 absorbs England, America, Germany and the other countries well-developed experience on the size analysis, all features of the product are domestically and leading.

Illuminant

- The laser particle size analyzer adopts He-NE's laser make illuminant, the wavelength is 0.6328 micron, wavelength is short, string breadth is narrow, stability is good and laser power source and laser tube service life is more than 15000 hours

Light electricity probe

- The particle laser particle size analyzer light electricity system is designed uniquely. The primary detector is one, many assist detectors presenting non-uniform intercourse and three dimension fan shape ranges matrix rank. The largest test examination horn attainability is up to 1350

Light route

- The particle laser particle size analyzer adopts a measuring range designed, the convergent light route is uniquely, decreasing Fourier lens, as a result the measuring range broader, the resolution is higher, the error is minimal.

Specification

Model	Dispersion method	Specification	Dimension	Weight (net)
WJL-602	Wet	1. Measurement, 0.1-600 u m 2. error, $\leq \pm 1\%$ (national standard materialsd60) 3. Repetitiveness deviation $\leq \pm 1\%$ (national standard materials D60)	1000*330*320mm	38kg
WJL-606	Wet	1. Measurement, 0.05-800n u m 2. error, $\leq \pm 1\%$ (national standard materialsd60) 3. Repetitiveness deviation $\leq \pm 1\%$ (national standard materials D60)	1000*330*320mm	38kg
WJL-608	Wet	1.Measurement, 0.2-1200 u m 2.error, $\leq \pm 1\%$ (national standard materialsd60) 3. Repetitiveness deviation $\leq \pm 1\%$ (national standard materials D60)	1000*330*320mm	38kg
WJL-612	Dry	1.Measurement, 0.1-600 u m 2. error, $\leq \pm 1\%$ (national standard materialsd60) 3. Repetitiveness	1000*330*320mm 360*330*300mm	40kg

		deviation $\leq \pm 1\%$ (national standard materials D60)		
WJL-616	Dry	1.Measurement, 0.1-800 μ m 2..error, $\leq \pm 1\%$ (national standard materialsd60) 3. Repetitiveness deviation $\leq \pm 1\%$ (national standard materials D60)	1000*330*320mm 360*330*300mm	40kg
WJL-618	Dry	1.Measurement, 0.1-1200 μ m 2..error, $\leq \pm 1\%$ (national standard materialsd60) 3. Repetitiveness deviation $\leq \pm 1\%$ (national standard materials D60)	1000*330*320mm 360*330*300mm	40kg
WJL-622	Wet/Dry	1. Measurement, 0.1-1600 μ m 2..error, $\leq \pm 1\%$ (national standard materialsd60) 3. Repetitiveness deviation $\leq \pm 1\%$ (national standard materials D60)	1000*330*320mm 360*330*300mm	50kg
WJL-626	Wet/dry	1. Measurement, 0.5-800 μ m 2..error, $\leq \pm 1\%$ (national standard materialsd60) 3. Repetitiveness deviation $\leq \pm 1\%$ (national standard materials D60)	1000*330*320mm 360*330*300mm	50kg
WJL-628	Wet/Dry	Measurement, 0.2-1200 μ m 2..error, $\leq \pm 1\%$ (national standard materialsd60) 3. Repetitiveness deviation $\leq \pm 1\%$ (national standard materials D60)	1000*330*320mm 360*330*300mm	50kg