



Software Function:

- Analysis Mode  
Free Distribution, R-R Distribution, Logarithm Normal Distribution, Mesh number classification etc. meet different demands of particle size statistic in different industries.
- Statistic Method  
Volume Distribution, Quantity Distribution
- Statistic Comparison  
Statistic Several Testing Results to compare and analyze.  
Get difference by compare test result of different batches of samples, samples before & after processing, and different time.  
Have great practical significance to industrial raw materials quality control.
- User-defined Analysis  
Figure out percentage according to the particle size.  
Figure out particle size according to the percentage.  
Figure out percentage according to the particle size range.  
Meet demands of representation of particle test in different industries.
- Test Report  
Word, Excel, Photo( Bmp), Text etc.
- Multi-language Support  
Chinese&English (Others are available)
- Intelligent Operation Mode  
Automatically control water inflow, dispersion, test and analysis.  
Better Repeatability after remove human-factor.

Application:

PA-200J/K widely used in cement, ceramics, medicines, lotions, paints, dyes, pigments, fillers, chemicals, catalysts, drilling mud, abrasives, lubricants, coal, sediment, dust, cells, bacteria, food additives, pesticides, explosives, graphite, photographic materials, fuel, ink, metal and non-metal powder, calcium carbonate, kaolin, coal slurry and other powdered materials.

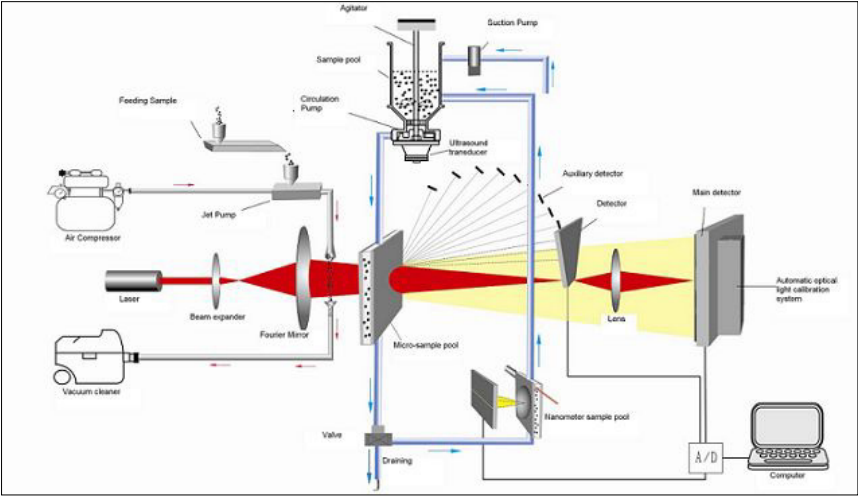
PA-200J/K, Intelligent Wet and Dry Laser Particle Size Analyzers

Introduction:

PA-200J/K are intelligent full automatic model which is integrated model of wet and dry dispersion system. It's the prior choice for industrial production quality control departments and research institutions which have more types of particles and wide particle size distribution.

Main Features:

- Wet and dry Integrated Design  
This instrument integrated wet and dry dispersion test in one, successfully resolved the problem of dry and wet technology integration, realize one key to switch.
- Intelligent full automatic operation system, very easy and simple to learn, support one key operation.
- Optical Path System patented technology  
Converging light Fourier transform path system, enables scattering light be not restricted to the lens aperture limit, and the dual laser orthogonal light use auxiliary semiconductor laser to expand the measurement range by enlarge scattering angle from 45°C to 135°C.
- Automatic Optical path alignment System, which is composed of precise four phase hybrid stepper motor, Its inching precision is reach to micron level, make optimum optical paths to ensure accurate and stable test.
- Full built-in Sample dispersion system.  
Set mechanical stirring, ultrasonic dispersion, and circulation path in one, It ensures particles uniform dispersion and distribution, avoids many bad phenomenon, such as uneven distribution of particles, large particles deposit because of the long outer dispersing system tube, And it guarantees the representativeness of test result.
- Instrument Software  
Original Unconstrained free fitting technology collect scattering data during the measurement process, make particle analysis not be restricted by any functions, truly reflect particles distribution.



Model	PA-200J	PA-200K
Size Range	Dry:0.1-2000 micron Wet:0.01-2000 micron	Dry:0.1-1200 micron Wet:0.01-1200 micron
Standard	ISO 13320-1:1999, GB/T19077.1-200, Q/0100JWN001-2013	
Principle	Laser light scattering	
Channels Number	Dry: 100    Wet: 127	Dry: 80    Wet: 97
Accuracy	<1% (Deviation of D50 on national standard sample)	
Repeatability	<1% (Deviation of D50 on national standard sample)	
Light Source	He-Ne laser P>3.0 MW    Auxiliary laser:semiconductor P>2.0MW	
Dispersion	Dry-turbulence dispersion mode    Wet: Ultrasonic, Agitator, circulation built inside	
Operation Mode	Full automatic	
Optical alignment system	Automatic	
Test Speed	Wet: <2 Min per time, Dry : <1min per time	
Outer dimension	L92cm×W44cm×H50cm	
Net Weight	70Kg	