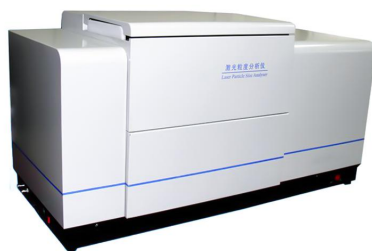




Intelligent Wet Laser Particle Size Analyzer PTT-2008B



Product profile:

PTT-2008B full automatic wet laser particle size analyzer measure size is from 0.01 to 1200 micron, Which offer reliable and repeatable particle size analysis for a diverse range of applications. It use dual-beam & multi-spectral detection systems and side light scatter test technology to significantly improve precision and performance of test, on behalf of the domestic advanced level in the field.

Main Specifications:

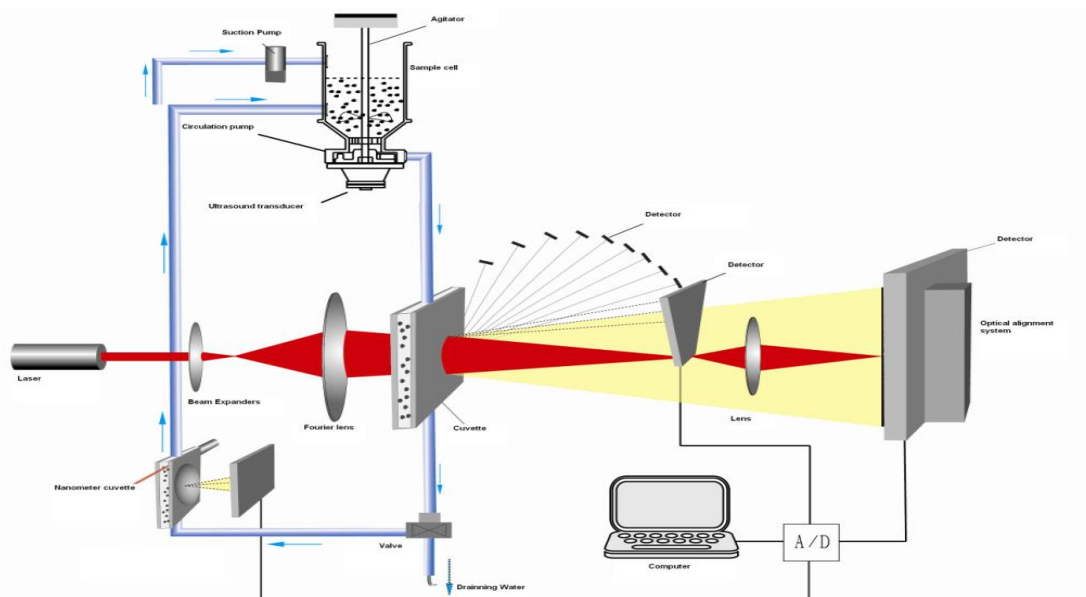
Model Name	Winner2008B
Standard	ISO13320-1:1999, GB/T19077.1-2008, Q/JWN001-2009
Measuring Range	0.01 μ m-1200 μ m
Channels Number	127 pcs
Accuracy	<0.5% (Deviation of D50 on national standard sample)
Repeatability	<0.5% (Deviation of D50 on national standard sample)
Light source	High performance semiconductor laser (λ = 632.8nm, P>4.0MW) Auxiliary: Semiconductor laser: λ = 650nm, P>10MW
Sample Pool	Volume:1L
Ultrasonic	Frequency:40KHz Power:50W
Stir	Revolutions Speed: 0-3000RPM (Adjustable)
Circulate	Rated Flow:30L/min Rated Power:70W
Operation Mode	Full automatic software control
Optical Calibration System	Full automatic
Test Speed	<2mins for each time
Volume	L104cm×W44cm×H54cm
Net Weight	58Kg

Main Features:

1. Full built-in dispersion system set mechanical stirring, ultrasonic dispersion, and circulation path in one, Big power-circulating pump and Optimization design of pipeline, effectively prevent large particle sediment.
2. Optical Calibration System is composed of precise four phase hybrid stepper motor, Its inching precision is reach to micron level, so light path is always in a good state..
3. Original Unconstrained free fitting technology make particle analysis not be restricted by any functions, truly reflect particles distribution.
4. Converging light Fourier transform light patented technology, make scattering light not be restricted to lens aperture. Double spectrum design and Dual-laser orthogonal light increase the measurement rang, and its precision achieves from 0.01 μ m to 2000 μ m.

Application:

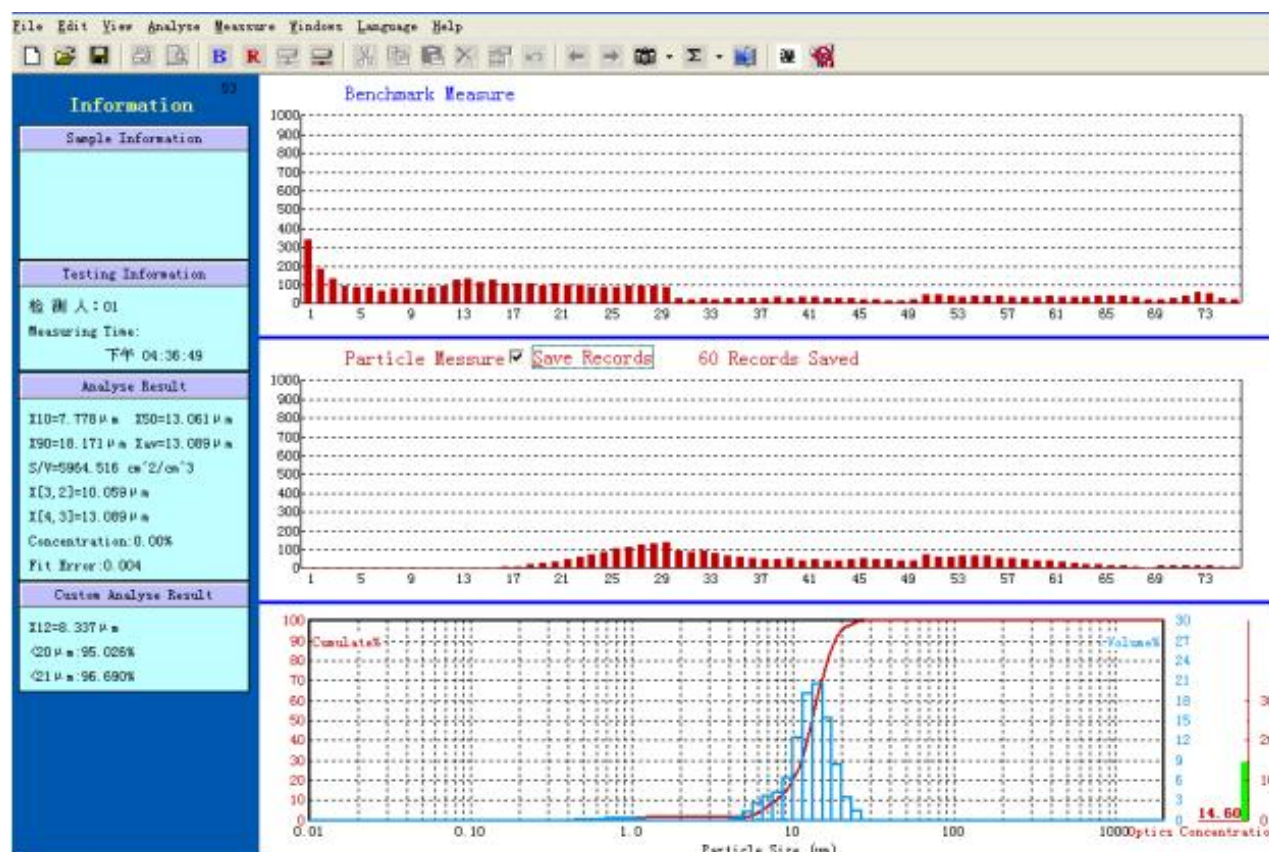
Cement, ceramic, medicine, emulsion, dope, dye, padding, chemical products, catalyst, drilling fluid, abrasive, lubricant, braze, cell, germ, food, additive, pesticide, explosive, graphite, photosensitive material, fuel, ink, metal and nonmetal powder, calcium carbonate, kaolin, water-coal-slurry and other powder materials.



Instrument Operation interface:

Operation interface:

Run the software, access control systems interface, click to enter the mode selectable manual mode or automatic mode. Check the following table describes the control functions. Automatic mode supports intelligent one-button operation, click the "Auto Test", follow the prompts to join the sample, all other operations automatically. Not only reduces the workload of testers, but also eliminates the interference of human factors.



Control

Manual Controls

Operation

Auto-Fill ☒

Fill

Debubble

Circulate

Ultrasonic

Flush

Rinse Cycle

Disperse

Time Settings

Fill(s) 10

Interval 9 Secs 3

Circulate(s) 120

Ultrasonic(s) 120

Flush(s) 9

Rinse Times 3

Disperser 6 Speed

Progress

Auto-Saved

Save Settings

Delete Settings

Control

Auto Controls

Operating Settings

Auto-Fill ☒

Sonic when Benchmark ☒

Circulate When Benchmark ☒

Sonic When Disperse ☒

Churn When Disperse ☒

Sonic When Measuring ☒

Churn When Measuring ☒

Disperser 6 Speed

Time Settings

Water In(s) 10

Interval 10 Debubble Times 3

Disperse(s) 30

Measure Sample 120

Water out(s) 9

Wash Times 3

Start

Finish

Progress

Auto-Saved

Save Settings

Delete Settings

Test analysis view

After testing, if necessary, to select records generated an average result, the system analyzes the formation of the recording. When the automatic mode test, without data processing, forming and maintaining a comprehensive

system automatically analyzed test records.

Package list:

NO.	Items	Quantity	Unit	Remark
1	PTT-2008laser particle size analyzer	1	SET	
2	Software	1	SET	
3	Dongle	1	PCS	
4	Standard sample	1	Bottle	
5	USB transform cable	1	PCS	
6	Communication wire	1	PCS	
7	Sample window/cuvette	1	PCS	
8	Screwdriver	2	PCS	
9	Wrench	3	PCS	
10	Drain pipe tube	1	PCS	
11	Standard pipe tube	1	SET	
12	Cleaning sample window mirror paper	3	PCS	
13	Cleaning card	2	PCS	
14	Sample pool brush	2	PCS	
15	Sample spoon	2	PCS	
16	2A fuse	5	PCS	
17	Quality certification	1	PCS	
18	Warranty card	1	PCS	
19	Manual	1	PCS	

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