

## Main Specifications:

Model Name		Winner2009A	Winner2009B
Standard		ISO13320-1:1999, GB/T19077.1-2009, Q/JWN001-2009	
Principle		MIE scattering principle	
Measuring Range		0.01μm-2000μm	0.01μm-1200μm
Channels Number		97	95 (different photo detectors & optical light path)
Accuracy error		<1% (Deviation of D50 on national standard sample)	
Repeatability error		<1% (Deviation of D50 on national standard sample )	
Light source		High performance He-Ne Laser (λ= 632.8nm, P>2MW) Lifetime>25000hours	
Dispersion Method	Ultrasonic	Frequency:40KHz Power:35W, Time: ≥1S ,Anti-dry function	
	Stir	Revolutions Speed: 0-3000RPM (Adjustable)	
	Circulate	Rated Flow:8L/min Rated Power:10W	
	Sample Pool	Volume:350mL	
	Micro-Sample Pool	Volume: 10mL ( Available)	
Operation Mode		Full automatic/ manual control, freely choose	
Resolution		Free distribution truly reflect particle size distribution	
Optical bench alignment system		Japan Canon lens, Full automatic,precision is up to 0.1um	
Software function	Analysis mode	Free Distribution, R-R Distribution, Logarithm Normal Distribution, Mesh number classification etc.	
	Statistic Method	Volume Distribution, Quantity Distribution	
	Statistic Comparison	Several Testing Results of samples Different batches of samples testing result, Samples before and after processing, Test result of samples in different time.	
	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	
	Multiple-language Support	Multiple language Support	
	Intelligent operation	Automatically control water inflow, dispersion,test and analysis.Better Repeatability after remove human-factor	
Testing speed		<2min/time	

Outer dimension	1200mm*370mm*560mm
Net weight	70 KG