DRY LASER PARTICLE SIZE ANALYZER (BASIC TYPE)
CODE 0815-D300



- According to GB/T 19077-2016, ISO 13320:2009
- Suitable for any powdered material, particularly good for materials which react with water, or shape change in liquids
- It can be used for metal and non-metal powder, cements, pharmaceuticals, fillers, catalysts, additives, lubricants, coal powder, mud and sand, dust, foodstuffs, graphites, photographic materials, calcium carbonate, kaolin and other powdery materials
- Using air as the dispersing medium and the principle of turbulent dispersion, ensure that the sample is thoroughly dispersed
- Based on the MIE scattering theory, converging Fourier transform optical path, and with He-Ne laser photodetectors
- Just need put in the sample, dust collection, air supply, feeding are all done automatically

SPECIFICATION

Measuring range		0.1μm~300μm
Channels number		56pcs
Accuracy*		≤1%
Repeatability*		≤1%
Dispersion method		dry-turbulence dispersion
Dispersing medium		compressed air
Test speed		<1min for each time
Software function	**analysis mode**	free distribution, R-R distribution, logarithm normal distribution, mesh number classification
	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
	operation mode	automatically control air flow speed, dispersion, test and analysis
	test report	word, excel, photo (bmp), text etc.
Power supply		220V, 50Hz
Dimension		main unit: 765×450×325mm
		dispersion unit: 260×285×135mm
Weight		36kg

* Deviation of D50 on standard sample

STANDARD DELIVERY

Main unit	1 pc
Air compressor	1 pc
Dust collector	1 pc
Diamond standard sample	1 pc
Sampling spoon	2 pcs
Computer	1 pc
Toolkit*	1 set

* Including mirror paper, screwdriver, fuse, PTFE thread seal tape, brush, rubber suction bulb

test principle

