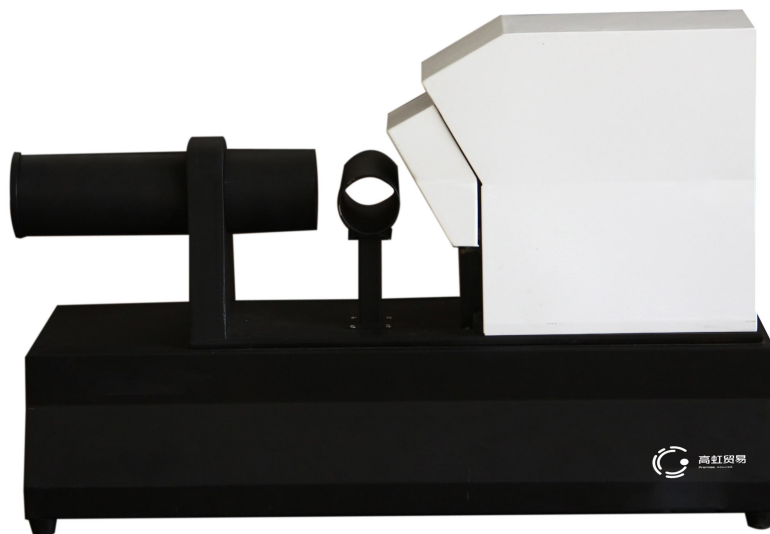


## GaoHong Spray Laser Particle Size Analyzer



### Brief Introduction:

GaoHong desktop spray laser particle size analyzer is designed and developed specially for the droplet particle size distribution test of small spray equipment. It integrates a number of patent technologies including lens protection devices, It can measure droplets particles in the air without touch. It's mainly applied to medical atomizer, atomization medicine, various aerosol, spray and other small spray equipment, especially suitable for the national pharmacopoeia for inhalation aerosol, spray, powder mist and other particle size testing requirements.

### Main Specification:

Model	GaoHong 311XP
Execute Standard	ISO13320:2009, GB/T19077-2016,Q/0100JWN001-2013
Size Range	0.1-100 $\mu$ m
Detector channels	40 pcs
Accuracy error	<1% (CRM D50)
Repeatability error	<1% (CRM D50)
Light source	Semiconductor $\lambda=650\text{nm}$ $p>1\text{mw}$
Feeding	open
Measurement area length	6cm/ 2.36"
Dimension	L25.98*W10.24*H17.72"
N.W.	19KG/41.89pound

## Main Features:

### 1) Unique optical path patented technology

Based on laser scattering principle, adopt a single beam of parallel light path and the dual-lens, dual-array detector technology to ensure high collection of scattering light at different angles, extends the measurement limit, improve the resolution of the instrument.

### 2) Unique air flow protection device

Airflow protection system can effectively protect the lens to avoid droplet pollution of the lens in the testing process, prolonging the service life of the instrument.

## Principle:

