

## Winner311XP Spray Laser Particle Size Analyzer



### Brief Introduction:

Winner311xp desktop spray laser particle size analyzer, with a number of patented technology including lens protection device. It could test size of droplet in the air without touch. It's mainly apply to droplet detection of small spray equipment, such as medical atomizer, atomizing drugs and aerosol etc. , it's famous products, recommended by Government medical equipment research institute.

### Main Specification:

Model	Winner 311XP
Size Range	0.1-100 $\mu$ m
Detector channels	40
Accuracy error	<1% (Deviation of D50 on National standard samples)
Repeatability error	<1% (Deviation of D50 on National standard samples)
Light source	Semiconductor $\lambda=650\text{nm}$ $p>1\text{mW}$
Feeding	open
Measurement area length	6cm
Dimension	L66*W26*H45cm

**Main Features:**

## 1) Unique 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.

3) For the national pharmacopoeia of inhaled aerosols, sprays, size requirements and the development of inhalation and other desktop spray laser particle size analyzer, can be a variety of aerosols, sprays and other small spray device for testing, integration of micro-nano the company a variety of patented technology, is the best choice of small spray particle size testing.

**Principle:**

