

YX-9300ST laser particle size analyzer technical parameters:

1. Size range: 0.1 μ m-460 μ m
2. Sample feeding mode: Circulating pump
3. Repeatability error: $\leq 1\%$ (for standard sample D50)
4. Accuracy of error: $\leq 1\%$ (for standard sample D50)
5. Measuring principle: Milosevic Scattering Theory
6. Software running environment: Windows 2000, XP
7. Interface: RS232 or USB mode
8. Photodetectors: 80, 68 ahead 8 sideways and 4 rearwards
9. Test time: Generally 2-3 mins / times
10. Circulation pool volume: 500 ml
11. Circular traffic: 500 2500 ml/min
12. Gross weight: 35Kg;
13. Dimension: 760 $\times$ 300 $\times$ 300mm;
14. Ultrasonic Power: 50 Watt; Voltage 220V, 50/60 HZ

Application:

- Analyzing or sizing particle size of non-metallic powders such as calcium carbonate, talcum powder, kaolin, zirconium silicate, wollastonite, graphite, silica powder, tourmaline, mica, barite, plaster, bentonite, diamond, quartz, diatomite, feldspar, calamite, clay, garnet, vermiculite, Titanium white power, etc.
- Analyzing or sizing particle size of metallic powder such as aluminum powder, iron powder, magnesium powder, molybdenum powder, copper powder, zinc powder, other rare metal powder and varied alloy powder, etc.
- Analyzing or sizing particle size of pharmaceutical, agricultural pesticide, grinding particle, foodstuff, scientific research, teaching, cement, ceramic, glass, chemical industry, military industry, soil, pigment, oil exploration, geological analysis, river silt and electronic particle, etc.

If you are interested in learning more about our laser particle size analyzers, please feel free to visit our website <http://www.x-magnet.net/Machinery/Laser-particle-size-analyzer.html>