

PARTASCOPE PARTICLE VIEWER

PS - 50

GIVES INSTANT ABILITY TO VIEW PARTICLES IN LIQUIDS, DOWN TO ONE MICRON IN DIAMETER.

How it works:

A low power laser beam scans through the bottle or beaker that holds the sample. As it strikes a particle, Fraunhofer diffraction occurs. If the scattered light is viewed at just the right angle it is possible to see the particle even if it is as small as one thousandth of a millimeter.



Features:

- Immediate output
- 1 μ m resolution
- Light weight (3 lbs. 4 oz.) and small 6" x 6" x 7"
- Portable (battery operated with 3AAs)
- Comparison standards provided (3)
- Comparison standards available in many sizes
- Dual beam provides direct comparisons
- Safe laser illumination
- In-situ sampling
- Rugged construction

Applications:

- Filtration efficiency
- Drinking water monitoring
- Giardia / Cryptosporidium inspection
- Hydraulic oil monitoring
- Pre - scan for particle counting
- Chem. Labs (quick check for any liquid)
- Pharmaceutical inspections
- Liquid Chromatography solvents
- Corrosive chemical and solvent inspection
- Waste water control