

# Filter Efficiency & Resistance



DL-360F



## Purpose

- Test and measure filter efficiency and resistance for medical mask & cloths and mask fabrics (M/B Filter) etc.
- Principle is specific concentration and particle size flow through the aerosol generator.
- Pressure difference is measured the air flow resistance of sample.
- Standards : EN 143, ISO 16900-3, 42 CFR 84, GB 2626

## Feature

- Measuring air resistance and filter efficiency.
- Equipped with Paraffin oil aerosol generator. (NaCl generator - Optional)
- Display various test results. (0.3 $\mu$ m, 0.5 $\mu$ m, 1.0 $\mu$ m, 3.0 $\mu$ m, 5.0 $\mu$ m, 10.0 $\mu$ m)
- User friendly (7" ) color touch LCD and convenience.
- Automatic display test result and printing it out. (Strip printer)
- Laser scattering condensation particle counter for measuring particle size. (6 Channel)



Clamp



Strip printer

## Specification

Model	DL-360F
Flow range	10 ~ 99L/min, Accuracy 2%
Filter efficiency	0.001~99.999%
Resistance	0 ~ 600Pa, Accuracy 2%
Test area	100cm <sup>2</sup>
Aerosol	Paraffin Oil / NaCl (Optional)
Particle size	0.3 $\mu$ m, 0.5 $\mu$ m, 1.0 $\mu$ m, 3.0 $\mu$ m, 5.0 $\mu$ m, 10.0 $\mu$ m
Generator	Atomizer
Particle detection	Laser scattering condensation particle counter
Power source	220VAC 50/60Hz single phase, 1000W
Weight (Approx.)	250kg (±5kg)
Dimension (Approx.)	840(W) × 600(D) × 1660(H)mm



Test display



History display



Setting display



Management setting display