



DRY STATE LINT TESTER

Dry State Lint Tester ToronFM™ DSLT designed to measure the linting coefficient and particle generation of surgical drapes, gowns, and cleanroom suits used by patients, medical staff, and equipment in their dry state.

APPLICATIONS

Standards

- 1. **ISO 9073-10** - Specifies test methods for measuring lint and particle release from nonwoven materials under mechanical stress.
- 2. **DIN EN 13795-2** - Defines performance requirements and test methods for surgical drapes, gowns, and clean air suits used in medical environments.
- 3. **INDA IST 160.1** - An industry standard test method used to evaluate lint generation and particulate release from nonwoven fabrics.

TECHNICAL SPECIFICATIONS

Parameter	Specification
Model	ToronFM™ DSLT
Diameter of the round plate	Φ 82.8 mm

Parameter		Specification
Reciprocating frequency		60 times/min
Rotating Angle		180°/time (clockwise & anticlockwise alternating)
Max start distance of 2 round plates		(188±2) mm
Straight stroke of the dynamic plates		(120±2) mm
Size of anti-static electricity test chamber		300 mm x 300 mm x 300 mm
Diameter of air collector sampling end		(40±5) mm
Laser dust particle counter	Measure range of particle size	0.3 um ~ 25 um
	Air flow speed	(28.3±1.4) L/min
	Sampling period	1~59 min 59 s (optional)
	Print function	Insert printer, can print counting result
	Max collector concentration	35,000 particles/L
Voltage		AC 220V 50Hz (110V is also available)



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