



Tumble Dryer for Dimensional Stability Tester Model: ADL-7TD

Introduction

Used for drying various types of textiles after shrinkage test.

AdLab Machine Standards

ADL-7TD Textile - Domestic washing and drying procedures for textile testing Related clauses:

ANNEX F Type A1 tumble dryer - vented type;

ANNEX O Determination of drying time of tumble dryer with timing device

Technical Parameters

- Category: front door feeding, horizontal drum type;
- Number of lifting plates: 3 pieces;
- Drum diameter: 580mm±10mm;
- Drum speed: 50r/min;
- Controlled outlet temperature: high temperature 65±5°C, low temperature less than 60°C;
- Exhaust Temperature: Maximum 80°C
- Rated voltage Frequency: 220V. 50Hz;
- Rated input power: 1850W;
- Maximum current: 10A;
- Rated capacity: 6Kg for cotton clothing, 3Kg for chemical fiber clothing;
- Dimensions (width × depth × height): 600mm × 560mm × 830mm;
- Waterproof grade: IP×4;

Dryer Programs

Fully own creatable/editable dryer programs like IEC 60456, ISO 6330, M&S and other reputed retail brands.

AdLab machines meet specifications set by leading retailers such as:



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Specification for Tumble Dryers

Items	Details	Type A1
Drying system		Vented
Humidity control		Timer
		Automatic
Drum	Volume	80 to 130
	Diameter	550 mm to 590 mm
	Peripheral centrifugal acceleration	0, 6 g to 0, 95 g
Lifting vanes	Number	2 or 3
	Height	50 mm to 90 mm
	Spacing	Evenly distributed
Heating input		Max. 3, 5 kW
Drying rate	100% Cotton	Min. 25 ml/min
	Cotton/Polyester	min. 20 ml/min
Control exhaust temperature	Normal Temperature	Max. 80°C
	Lower Temperature	Max. 60°C
Cool-down period		Min. 5 min or lower 50°C

**Technical Data Subject to change without notice.*

AdLab is a globally recognized brand specializing in the manufacturing and supply of high-quality laboratory equipment and textile testing instruments. With over 15 years of experience, we are committed to delivering precision-engineered solutions that meet the needs of industries such as textiles, pharmaceuticals, research laboratories, and educational institutions. Our products are designed to enhance efficiency, accuracy, and reliability in scientific and industrial applications.

Our Skill

At AdLab, we combine expertise in precision engineering with advanced laboratory technology to create innovative and reliable testing instruments. Our team of skilled professionals continuously works on improving product designs, integrating the latest advancements in technology, and ensuring compliance with international quality standards. With a strong focus on research and development, we provide customized solutions that cater to the unique needs of our customers worldwide.

Our Products

AdLab offers a wide range of high-quality laboratory and textile testing instruments, including Yarn & Fiber Testing Instruments, Laboratory Fume Hood Chambers, Ovens & Incubators, Water Baths, Textile Testing Instruments, Dyeing & Finishing Machines, Ceramic Testing, Tensile Testing, Washers & Dryers, Needle Detectors, and In-House Testing Equipment. Designed for precision and efficiency, our products ensure accurate testing and reliable performance across various industries.

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- ✓ Installation & Training – We offer professional installation services and hands-on training to help users operate our equipment efficiently.
- ✓ Calibration & Maintenance – Regular calibration and maintenance services ensure that your laboratory instruments remain accurate and in optimal working condition.
- ✓ Customized Solutions – We provide tailored solutions to meet specific industry requirements, helping our clients achieve maximum efficiency in their operations.

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