



# Sand Test Chamber



## SAND TEST CHAMBER LSC-A SERIES

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Labtron manufactures an excellent quality, corrosion resistant sand test chamber that test the stability, quality, reactivity and characteristics of product against the sand and dust exposed environmental conditions. The test chamber is carefully designed as per the CE and ISO standards and provides protection against current leakage, overload, over-current, short circuit, over temperature, motor overheating, over pressure for safe and precise results.

### Features

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- PID programmable controller with LCD touch screen display
- Circulatory pump system uses effective dust re-cycle blowing
- Uses enclosed heater to keep dust dry
- Made up of corrosion resistant stainless steel material
- Protection against current leakage, overload, over-current, short circuit, over temperature, motor overheating, over pressure



### Application:

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Used to test the products quality such as electronic, plastic products, electrical appliances, metals, chemicals, building materials, aerospace, medical care, food and beverages.

## SAND TEST CHAMBER LSC-A SERIES

### Technical Parameters:

Model	LSC-A10	LSC-A11
Internal dimensions (mm)	800*1000*1000	1000*1000*1000
Overall dimensions (mm)	1040*1450*1960	1200*1450*1960
Temperature range	Ambient to +50°C	
Relative Humidity	<30% RH	
Normal wire diameter	50um	
Normal width of a gap between wire	75um	
The Talcum powder amount	2kg ~ 4kg/m <sup>3</sup>	
Fight time	0 ~ 99H59M	
Fan cycle time	0 ~ 99H59M	
Specimen power outlet	Dust-proof socket AC220V 16A	
Vacuum system	Equipped with a pressure gauge, air filter, pressure regulator, connecting tube	
Circulating fan	Enclosed alloy low-noise motor, multi-vane centrifugal fan	
Heating system	Independent Nichrome electronic heating system	
Nominal power	5500W	7500W
Power supply	380V 50HZ	

## SAND TEST CHAMBER LSC-A SERIES

### Technical Parameters:

Model	LSC-A12	LSC-A13
Internal dimensions (mm)	1000*1500*1000	1000*2000*1000
Overall dimensions (mm)	1250*1900*1960	1300*2400*1960
Temperature range	Ambient to +5°C	
Relative Humidity	<30% RH	
Normal wire diameter	50um	
Normal width of a gap between wire	75um	
The Talcum powder amount	2kg ~ 4kg/m <sup>3</sup>	
Fight time	0 ~ 99H59M	
Fan cycle time	0 ~ 99H59M	
Specimen power outlet	Dust-proof socket AC220V 16A	
Vacuum system	Equipped with a pressure gauge, air filter, pressure regulator, connecting tube	
Circulating fan	Enclosed alloy low-noise motor, multi-vane centrifugal fan	
Heating system	Independent Nichrome electronic heating system	
Nominal power	7500W	9000W
Power supply	380V 50HZ	



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