

# IP6X Sand & Dust Test Chamber

MODEL:SRSC

## Product description:

Sand & Dust Test Chamber is applied to mechanic, electric, electronic, electric chemical and mechanical and electric equipments, it is used to evaluate whether equipment can resistivity and storage, running or not in air of dry sand or dust.

## Product image: Image for reference only



## Technical parameters:

Model	SRSC-512	SRSC-800	SRSC-1000	SRSC-1500
Inner size (D*W*H)cm	80*80*80	80*100*100	100*100*100	100*150*100
Inner chamber material	SUS304 Stainless steel			
Outer chamber material	Stainless steel			
Observation window(L*W)	40*40	50*50	60*60	80*60
Talcum powder amount	2~4kg/ m <sup>3</sup> , can adjust			
Airflow speed	No more than 2m/s			
Dust blowing time	1s~99h adjustable			
Rapping time	1s~99h adjustable			
Door	Tempered glass door			
Controller	<b>PLC Touch Screen controller</b> , programmable to set as below cycle: a. Blowing dust time (Stop/Blow) h/m/s b. Cycle time: can be adjusted c. Pre-set test time: 0s ~ 999h99m99s			
Temperature range	<b>RT+10 ~65°C</b>			
Temperature Sensor	PT100 temperature sensor			
Vacuum system	Pressure gauge, air filter, Pressure regulating FRL, connecting pipe, Vacuum pump			
Vacuum pump capacity	60-600 L/H			
Fan	Plastic centrifugal fan			
Safety protection devices	Meter over-temperature function, Phase shortage protection, Power short-circuit protection			
Power	220V 1phase, 20A			

**Product detailed images:**

**Sample holder, can support 40kg tested specimens**

**Dust collection hole**



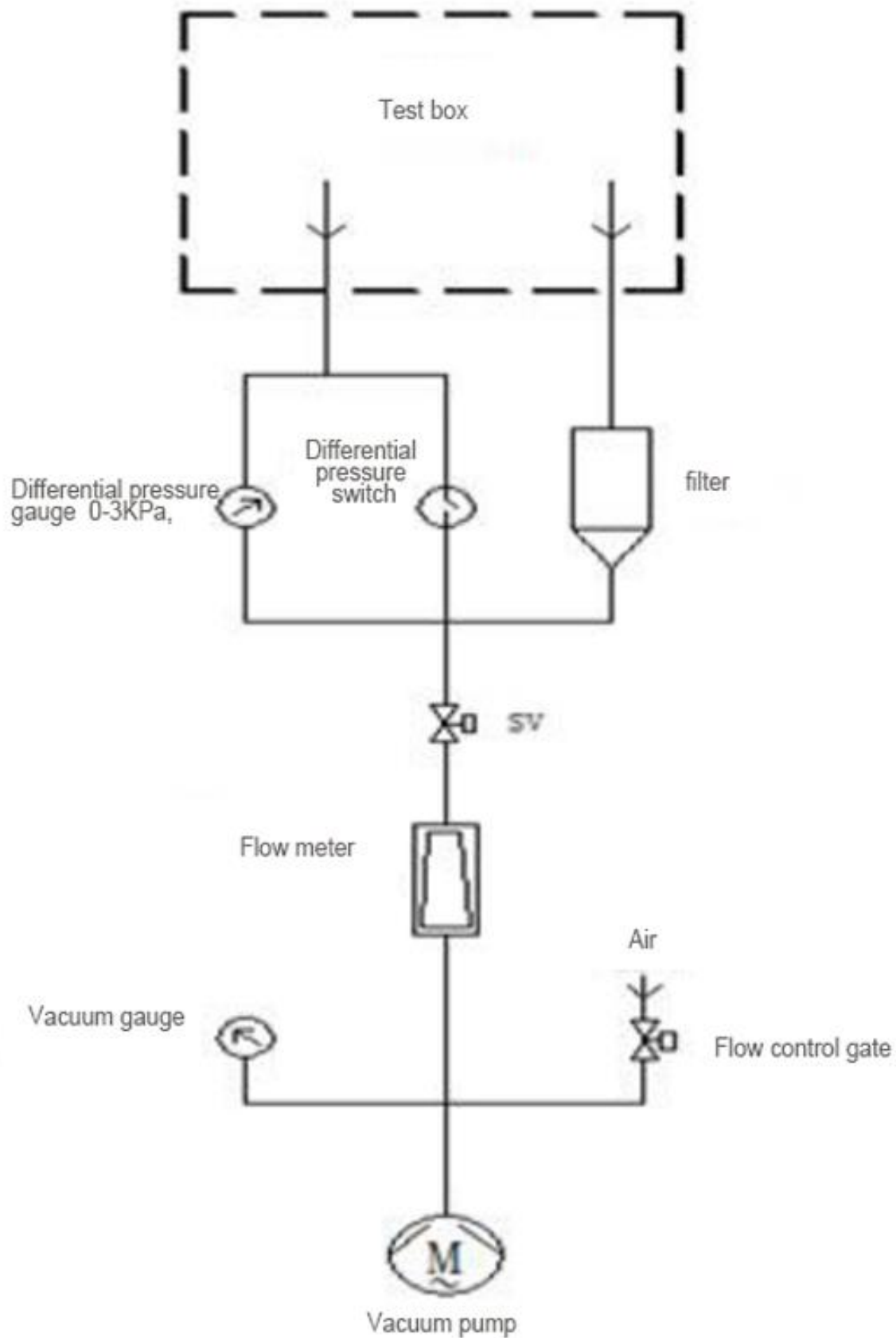
**Sample holder**

**Vacuum suction nozzle**

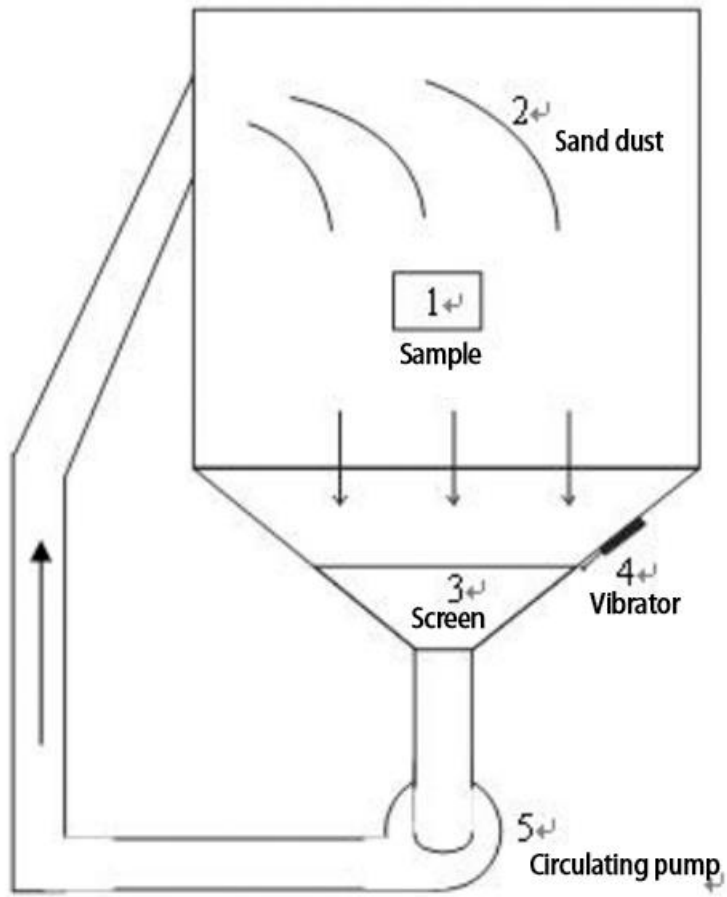
**Dust Blowing hole**



Test theory :



### Dust blowing principle



**Production line and stock image:**



**Cutting machine**



**Bending machine**



**Chamber shell**



**Chamber shell**



**Chamber in stock**



**Chamber in stock**