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Salt Spray Test Chamber Type MS 600



The MS 600 chamber is designed to conduct testing in salt spray conditions. The tests are fully reproducible and comply with all recommended national and international standards, eg. PN, EN, ISO, DIN, ASTM, DEF, MIL- STD and GOST. Production of the chamber began in 2003. The aim of the project was to create a device that is functional, ergonomical, has a contemporary design and is user friendly. The materials used in its production (polyester glass laminate, PLEXIGLAS XT[®], ERTACETAL C[®], polypropylene, acid - proof steel, brass) are resistant to corrosion and recyclable.

Technical Data:

Type			MS 600		
Test chamber volume		ltr	620		
Overall dimensions		length	mm	2200	
		depth	mm	860	
		height	mm	1350	
Test chamber dimensions		length	mm	1040	
		depth	mm	630	
		without hood	height	mm	690
		with hood	height	mm	1200
Brine reservoir		ltr	100		
Temperature range		min		ambient temperature	
		max	°C	60	
Temperature constancy		K	± 0.2		
Temperature controllers			FUJI Electric		
Temperature sensors			Pt 100		
Supply:					
Compressed air		pressure	bar	0.7 ÷ 1.4 (controlled)	
		connector	mm	10	
Demineralized water		min	bar	2	
		max	bar	6	
		conductivity	µS/cm	< 20	
		connector	"	3/8	
Electrical supply		V		220/230+Pe	
		Hz		50/60	
Connected load		kVA		2.14	
Weight		kg		110	

Technical Description:

The salt spray chamber is made from polyester glass laminate. It is a corrosion resistant, self-supporting device consisting of two sections. For ease of transportation, inspection and maintenance it is possible to disconnect the two sections (the width of 860 mm enables them to be carried through standard doors).

The number of controls is optimal, making the operation extremely easy. The temperature is regulated by the latest microprocessors. Semiconducting, silent relays switch on heating cables and the temperature regulation is automated. Insulation between the bath and the housing reduces the energy consumption to a minimum. A large brine tank ensures that long tests are trouble-free. Inside the bath there are shelves suitable for placing a grid for the tested samples. A large lid enables easy access to the testing space for convenient placement of samples or maintenance.

The top of the machine section is conveniently shaped for placing small objects, eg. a note book.