

OSC 55CB004~005 CORROSION TEST CHAMBER

<Features>

- This apparatus are indicated to perform testing which simulates industrial environments where there is SO₂ moisture in the atmosphere.
- Also indicated to perform Humidity and CorrodKote testing
- Main Fiberglass body, using the correspondent Polyester resin for top environmental resistance.
Stainless steel bottom for chamber heating (AISI-316-L)
- SO₂ Measuring system works at atmospheric pressure (1 atm) allowing easy measurements and avoiding gas leaks.
- Indirect chamber heating with bottom water jacket
- Angle top design. Prevents condensed water from dripping on the specimens.
- Developed to add the exact water measurements according to Kesternish standards.



OSC 55CB004

<Specifications>

Model		OSC 55CB 004	OSC 55CB 005
Building Material	Main Body and Control Panel	Fiberglass	
	Window	Acrylic	
	SO ₂ DOSE	Fiberglass	
	Water Jacket	AISI 316-L	
	Floor Support	Carbon Steel	
	Color	White	
Chamber Volume	Liters	300	600
Chamber Dimension			
W x D x H	cm	75 x 50 x 80	90 x 60 x 95.5
External Dimension			
W x D x H	cm	95 x 50 x 160	115 x 60 x 175
Temperature Range			
Normal	°C	35 / 40	
Maximum	°C	50	
Humidity			
Closed Door	%	100	
Open Door		Ambient	
Temp.Cont.Tolerance	°C	±1	
Temperature Control		Dynamic Proportional	
Autonomy	Hours	24	
Input			
Electrical	V / Hz	1phase, 220 / 60	
Power	Watts	1000	
Weight			
Chamber	Kg	30	50
Total	Kg	60	90

TEST STANDARD PERFORME

KESTERNICH
DIN-50018
ASTM-G-87
ABNT-NBR-8096

CORRODKOTE
DIN-50958
ASTM-B-380
ABNT-NBR-9100

HUMIDITY
DIN-50017
ASTM-D-2247
ABNT-NBR-8095

Options:

Internal Fan
Time Recorder
High temperature
Alarm

Note:

The equipment is supplied with all the elements needed to carry out the tests above, including a 2kg SO₂ charge, instruction manuals and chamber floor support.