

BASIC VERSION

SIM6200-TH

OZONE CLIMATE SIMULATOR

The Anseros Ozone Climate Simulator includes all basic instruments for rubber ageing and crack testing. They are designed to carry out the simulations necessary for 10 years durability tests.

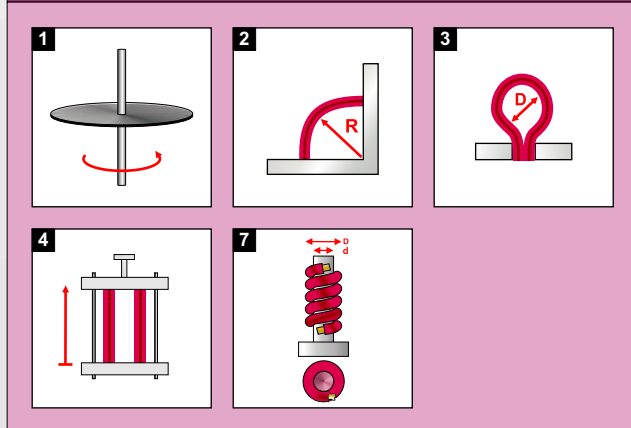
TESTING STANDARDS

ASTM D 1149	ISO 1431-1	DIN ISO 1431-1
DIN 53509 (*)	VDE 0472	

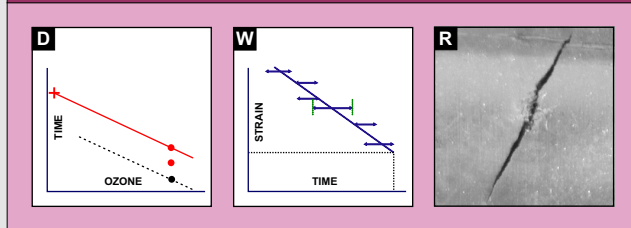
* replaced by DIN ISO 1431-1 in 2011

The instrument provides a reliable ozone generator (maintenance-free) and a precise certified ozone analyzer MP for automatic control of the ozone content inside the chamber. A digital data recording interface RS232 is available together with the Anseros data recording software AMACS. Interruption procedures during durability tests can be adjusted by a PLC controller. In case of closed loop version, a turbo jet is built in for safety reasons to destroy any ozone by catalyst or carbon filter.

TESTING PROCEDURE



EXPRESSION OF RESULTS



SPECIFICATION

OZONE CLIMATE SIMULATOR SIM6200-TH (BASIC VERSION)	
Flow direction	Ortho-directive
Fan, air velocity	600 mm / s
Chamber volume	185 liter
Size inside	H68 x W68 x D40 cm
Total size, chamber	H161 x W90 x D100(+10) cm
Total size, rack	H161(+17) x W60 x D60 cm
Total weight	370 kg
Power supply	230/120 VAC, 50/60 Hz
Pressure inside	negative
Ozone range	0.....1000 pphmv (ISO 1431-1)
Accuracy	0.1 %
Humidity range	ISO 1431-1
Temperature range	ISO 1431-1



SIM6200-TH

BASICS

SIM6200	Chamber SS 1.4301, welded
COM-ADM	Ozone generator
MP6060	Ozone monitor
71125	PLC SIMatic LOGO TD
PID 2000	Ozone controller PID-O ₃
PID 2000	Temperature controller PID-T
PID 2000	Humidity controller PID-H
75043	Safety lock, turbo rinsing, catalyst, alarm
72145	Carbon filter
74063	19" rack / 34 HU
75038	Humidity module with chiller
75037	Temperature module

SIM TOOLS

75046	Rotation disc, VDE 0472	1
75047	Clamp V, static strain, VDE 0472	4
75005	Clamp A, static strain	4
75006	Clamp B, static strain	3
75100	Clamp W, static strain	2
75052	Cable tool	7
75089	Mesh tray, SS 1.4301	

DATA RECORDING

75035	Software AMACS 2.2 / controller
78667	Recorder T/H/C, digital

FURTHER INFORMATION

+ SIM brochure	
+ Substances, SIM6200-TH	
+ Ozone analyzer MP	
+ Application note APN-1	
+ SIM catalog	
+ Approval MP	
+ Manual SIM6200-TH, SIMatic, LOGO TD PLC	
+ Report D	D
+ Report W	W
+ Report R (prominent visibility by large window)	R

ANSEROS KLAUS NONNENMACHER GMBH
 72070 TÜBINGEN (HIRSCHAU) ● DISCHINGERWEG 11 ● GERMANY
 PHONE +49-7071-7995-0 ● FAX +49-7071-7995-95 ● WWW.ANSEROS.DE ● INFO@ANSEROS.DE

IMPORTANT NOTE: The information provided in this document is intellectual property and under copyright of Anseros Klaus Nonnenmacher GmbH. Without their written consent, the document may not be altered, distributed partially or copied to a website. Devices depicted may contain optional features. Anseros reserves the right to make technical changes for better performance without prior notification. © Copyright ANSEROS