

PROFESSIONAL

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.

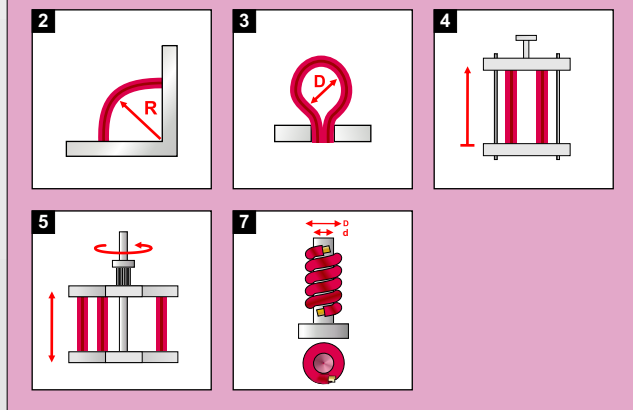
TESTING STANDARDS

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

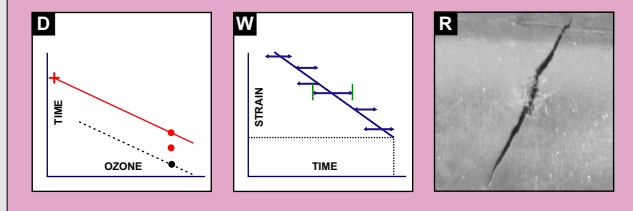
* replaced by DIN ISO 1431-1 in 2011

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



SIM6200-TH

BASICS

SIM6200	Chamber SS 1.4301, welded
COM-ADM	Ozone generator
MP6060	Ozone monitor
75016	PLC SIMatic S7-300, 15" touch panel
	USB interface, USB stick
	Ozone controller PID-O ₃
	Humidity controller PID-H
	Temperature controller PID-T
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

75049	Static + dynamic rotation disc	5
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

75101	Software AMACS 5.1 / 75049
78667	Recorder T/H/C, digital

SPECIFICATION

OZONE CLIMATE SIMULATOR SIM6200-TH (professional)	
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 (+43) x W90 x D100(+10) cm
Total size, rack	H161(+17) x W60 x D60 cm
Total weight	500 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

FURTHER INFORMATION

+ SIM brochure	
+ Substances, SIM6200-TH	
+ Ozone analyzer MP	
+ Application note APN-1	
+ SIM catalog	
+ Approval MP	
+ Manual SIM6200-TH, SIMatic S7-300	
+ Report D	D
+ Report W	W
+ Report R (prominent visibility by large window)	R

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