



STANDARD ATMOSPHERE

Standard Atmosphere is an air conditioned cabinet suitable for the conditioning process of fabrics, yarns, fibers and paper and other sample materials for common testing

In compliance international Standard with **ISO 139/187, BS EN 20139/20187, DIN 50015, ERT 60-1, ASTM D1776, M&S PGA, EDANA, BISFA Standards.**

The control of the climatic conditions is followed closely by a logic programmable system with high speed processing that optimize the thermo-hygrometric stability.

The testing laboratories require the preparation of the samples within a conditioned environment for a period of 24/48 hours before testing at the following parameters below:

PARAMETER	CONF1	CONF2	CONF3
Temperature (°C)	20°C	27°C	23°C
Relative Humidity (%)	65%	65%	50%

*CONF3: the climatic conditions needed for paper testing laboratories in compliance to **ISO 187**

Reinforced frame perfectly insulated with walls in polyurethane material covered by stainless steel to obtain a perfect insulation to the external ambient

Drilled shelves in stainless steel to assure the movement of the air across the samples and up to 10 to install.

Internal LED Lighting switchable from Touch Screen includes settable timer for auto light OFF

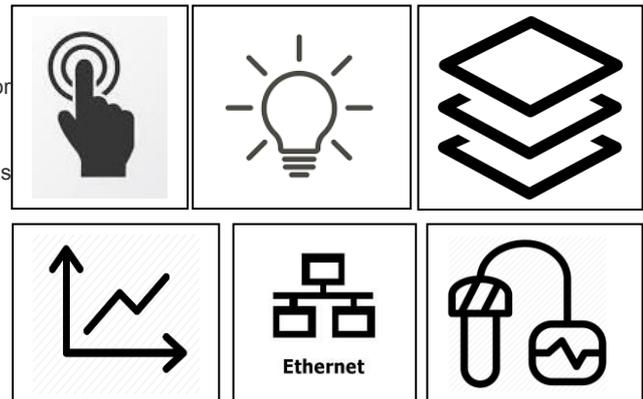
Front door with thermal glass for the inspection of the internal volume through a comfortable opening handle

7" Touch screen or PID controllers to input settings and real time monitor of climatic conditions, diagnostics and statistics of alarms included.

Readout of climatic data and alarms signaling re-transmittable to SCADA platforms in building automation through **IEC 61158** communication protocols as **MODBUS RTU and TCP/IP.**

Ethernet slot to enable PC communication and networking functions.

On request **DATALOGGERS** for thermo-hygrometric records automatic data collection through independent probes in compliance with standard ISO 139 and ISO 187.



TECHNICAL DATA

Heating:	0,9 KW
Cooling:	0,5 KW
Humidification:	0,3 KW
Max power consumption:	1,6 KW
Power supply	230VAC/50HZ 110VAC/60HZ
Dimensions	1150 X 650 X 1850 (mm)
Net weight:	200 Kg

