



### FUNCTION

Our dry cabinets are Plug and play and used for components, PCBs, board storage... Made to be stable at a humidity level  $\leq 5\% RH$  and especially designed for moisture sensitive SMD packaging to comply with J-STD-033D. These cabinets are equipped with a temperature and a humidity probe for a better monitoring of the inside atmosphere.

### MODULAR DESIGN...

Our cabinets are modular in design. The main elements are the dehumidifying modules, the display, and the shelves. All these elements can be removed and replaced easily.

### ...AND ERGONOMIC

Our cabinets are used for the storage of electronic components subject to MSL according to the J-STD-033D standard (Storage at a hygrometry rate  $\leq 5\%$ ). These Plug-and-Play cabinets allow to dramatically reduce user training costs.

## DRY CABINET 184 LITERS $\leq 5\%RH$

### Specifications:





<b>Performance and environment</b>	Humidity rate	$\leq 5\% RH$
	Consumption	Ave. 55Wh / Max. 150Wh
	Optimal conditions of use	Temperature $< 30^{\circ}C$ et Humidity $< 60\%$
	Power voltage	230Vac
<b>Structure</b>	External dimensions	W. 450mm x D. 450mm x H. 1045mm
	Capacity	184 Liters
	3 Shelves in standard	W. 405mm x D. 310mm x H. 20mm
	Grounding wire	1M $\Omega$ – Length : 940mm
	1 Door with handle, ESD glass and magnetic seals	
<b>Thermo-Hygrometer</b>	1mm thick carbon steel structure (SPCC) with black antistatic paint coating 103 ~109 $\Omega$ (Surface resistance)	
	Measure range	-20 to 65,9 $^{\circ}C$ / 0,1 to 99,9% RH
	Accuracy	$\pm 0,2^{\circ}C$ / $\pm 3\% RH$
	Résolution	0,1 $^{\circ}C$ / 0,1% RH
	Refresh measurement display every minute	
	Acquisition of 40,000 points of temperature and hygrometry record recoverable on computer via supplied cable	

### W-Tech

 3, Rue Jean Gonnet  
 38110 Saint Jean de Soudain - France  
 Tél : +33 (0)4 74 93 01 54 | Fax : +33 (0)4 74 93 25 84  
 Web: <http://www.w-tech.fr> | Mail: [Commercial@w-tech.fr](mailto:Commercial@w-tech.fr)

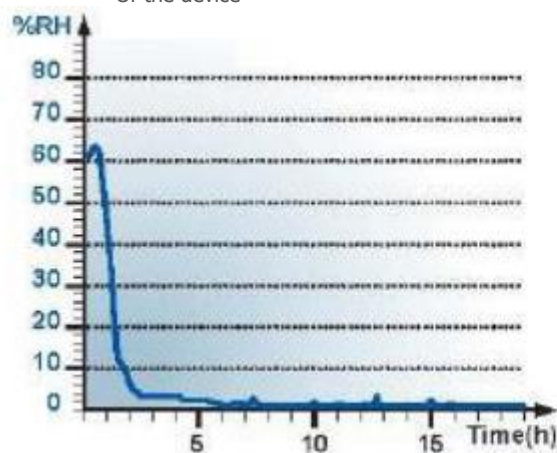
V1.1 – 04/2021



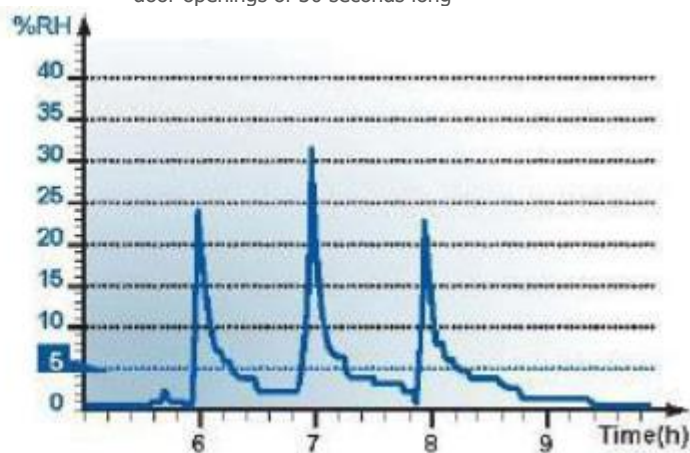
Options Name	Standard shelf (ESD paint)	Stainless steel shelf	Indoor induction light	Storage bins
Description	Size : W405*D310*H20mm	Size : W405*D310*H20mm	Sensitivity: 3M(distance)90 ° (angle) Time delay of the sensor: 20s/60s /90s/Constant.	Max Load Weight:5kg
Picture				

### Performances:

Progression of humidity level after the first start Of the device



Progression of humidity level with 3 door openings of 30 seconds long



### Connectivity:



The humidity and temperature data can be downloaded and viewed on a computer using the USB connector and the thermo-hygrometer reader.



### W-Tech

3, Rue Jean Gonnet  
38110 Saint Jean de Soudain - France  
Tél : +33 (0)4 74 93 01 54 | Fax : +33 (0)4 74 93 25 84  
Web: <http://www.w-tech.fr> | Mail: [Commercial@w-tech.fr](mailto:Commercial@w-tech.fr)

V1.1 – 04/2021