



## Mini series chamber

Temperature testing chamber mini-desktop series from 37 to 75 liter

Model : ATM

Temperature testing chamber mini-stand series from 16 to 75 liter

Model : ATMS

Double chamber chamber / oven mini test series temperature stand 37 to 75 liters

Model: ATMSD

## چمبر های سری مینی

چمبر های تست دما سری مینی رومیزی از حجم ۳۷ الی ۷۵ لیتر

مدل : ATM

چمبر های تست دما سری مینی ایستاده از حجم ۱۶ الی ۷۵ لیتر

مدل : ATMS

چمبر های دابل چمبر / آون تست دما سری مینی ایستاده از حجم ۳۷ الی ۷۵ لیتری

مدل : ATMSD



#### ARYA SARMAYESH KNOWLEDGE BASE CO MINI-DUBLE SERIES

Type		ATSD 4004-37	ATSD 7004-37	ATSD 4004-55	ATSD 7004-55	ATSD 4003-75	ATSD 7003-75
Test space volume	L	2*37	2*37	2*55	2*55	2*74	2*74
<b>Performance for Lower Part temperature tests</b>							
Temperature Range	°C	-40/180	-70/180	-40/150	-70/180	-40/180	-70/180
Temperature deviation in time 1)	K	± 0.1 to ± 0.7					
Temperature homogeneity in space 2)	K	± 0.5 to ± 1.5					
Temperature rate of change 3)	Heating K/min	6.6	4.5	4.0	4.0	5.2	5.2
	Cooling K/min	4.4	4.6	3.7	3.9	3.1	3.2
Heat compensation at +20 °C	W	400	500	370	460	355	410
Heat compensation at -20 °C	W	250	280	210	220	200	200
Temperature calibration values		-20 & 70					
<b>Performance for Upper part temperature tests</b>							
Temperature Range	°C	Amb+7/180	Amb+7/180	Amb+7/180	Amb+7/180	Amb+7/180	Amb+7/180
Temperature deviation in time 1)	K	± 0.1 to ± 0.7					
Temperature homogeneity in space 2)	K	± 0.5 to ± 1.5					
Temperature rate of change 3)	Heating K/min	6.6	4.5	4.0	4.0	5.2	5.2
	Cooling K/min						
Temperature calibration values		-20 & 70					
<b>Work space dimensions 4)</b>	Width mm	320		370		430	
	Depth mm	290		370		430	
	Height mm	400		400		400	
<b>External dimensions</b>	Width mm	600		600		630	
	Depth mm	950		950		950	
	Height mm	1950		1950		1950	
Sound pressure level 5)	db(A)	<61	<62	<61	<62	<61	<62
Electrical connection		1 / N / PE AC 230 V ± 10 % , 50 Hz					
Rated power	kW	2.2	2.7	2.4	2.9	4.2	4.7

Performance values refer to +25 °C ambient temperature .

1) Measured in the middle of test space.

2) Relative to the set value in temperature range from T min to +150 ° C for ATSD 4004 , ATSD 7004

3) In accordance with IEC 60068-3-5

4) These dimensions are valid for both sections (upper & lower parts)

5) Measured in 1 m distance from the front and in 1.6 m height at free field measurement according to EN ISO 11201 .