



STRESS SCREENING CHAMBER  
FOR **AUTOMOTIVE INDUSTRY.**  
**MODEL, CCK-70/1371T-10**



## GENERAL

Current environmental tests have become increasingly demanding in the temperature gradients to which the part will be subjected. One of the most widely used tests today is the accelerated stress screening (ESS) test, during which the part to be tested is subjected to high cooling or heating gradients that can range from 5 K/min to 15 K/min.

**DYCOMETAL** in its eagerness to develop new products according to customer specifications, has developed the **CLIMATIC CHAMBER**, model **CCK-70/1371T-1P**, with an interior volume according to the space requirements of the customer, as well as a test gradient of **10 K/min**.



## **TECHNICAL FEATURES:**

<b>MODEL:</b>		<b>CCK-70/1371T-10</b>	
Type of chamber:		<b>STRESS SCREENING CHAMBER</b>	
<b>Dimensions</b>			
Volume:		1.371	liters
Internal Dimensions(mm):	Height	950	mm
	Width	1.312	mm
	Depth	1.100	mm
External Dimensions (mm):	Height	2.335	mm
	Width	1.512	mm
	Depth	1.700	mm
<b>Temperature test</b>			
Temperature Range:		from -70 to +180	°C
Cooling temperature change rate: *		10	K/min
Heating temperature change rate: *		10	K/min
Temperature fluctuation:		≤3	K
<b>Climatic test</b>			
Humidity Range:		from 10 to 98	%RH
Temperature Range:		+10 to +95	°C
Dew point:		+6,5 to +94	°C
Humidity Stability:		±1% to 3%HR	%RH
Humidity extension:		Air drier for reduce the dew point	
<b>Construction</b>			
Door:	Height	950	mm
	Width	1.312	mm
Observation window:	Height	600	mm
	Width	650	mm
Type of door		Pivoting door	
Locking:		Electromagnetic lock	
Access port:		4x 80	mm ø
Position of the cooling group:		Backside	
Base:		Height adjustable wheels	
<b>Control</b>			
Control :		7" color HMI	
Communication port:		Ethernet RS-232	
Sample protection thermostat:		YES	
Software:		Included	
Interfaces:		USB 4x Relays for events	
<b>Services</b>			
Condenser:		Water-cooled	
Power:		400V 3N~PE	

*\* Temperature change rates according with IEC 60068-3-5*