























CTS – short cut operating manual thermal shock chamber

Key	Display	Meaning	
Start with fixed values			
	F150.0 ----- F -40.0 -----	change in to manual mode	
 or 	F151.5 ----- F -40.0 -----	activating the setpoints in the chambers 1.display: hot chamber 3.display: cold chamber	
	F155.0 ----- F -40.0 -----	98.0 ----- -8.8 -----	start of the chamber in manual mode, the display changes between setpoints (F...) and actual values
Stop			
	F150.0 ----- F -40.0 -----	P150.0 30' P -40.0 30'	S-button stops the running chamber, LED in the S-button vanishes. The display shows fixed values or cycle mode.
Preheat and precooling temperatures			
	P 0	starting from manual mode press E-key	
	235.0 10.0 -85.0 -10.0	with P-key into menu for software testspecimen protection and rate temperatures.	
 or 	235.0 10.0 -85.0 -15.0	temp. limit max. hot chamber rate temperature hot chamber temp. limit min. cold chamber rate temperature cold chamber	
	F150.0 ----- F -40.0 -----	abandon the menu and save the settings	
Starting the chamber in cycle mode			
	P150.0 60' P -40.0 50'	change into cycle mode	
 or 	P151.5 60' P -40.0 50'	adjustment of the setpoints of the chambers 1.display: hot chamber 3.display: cold chamber	
 or 	P151.5 30' P -40.0 45'	adjustment of the dwell time in the chambers 2.display: hot chamber 4.display: cold chamber	
	P Cyc 9999	change into the menu for cycle counter	
 or 	P Cyc 1000	setting of the required number of cycles 2.display: total number of cycles	
option:  or 	P Cyc 1000 Copy to P 1	It is possible to save a cycle under a program number. 4.display: prog.nr. of the new cycle The cycle must be reprogrammed at the next start, when it is not saved. Attention: an existing programm under this number is overwritten !!!	
	A155.0 30' A -40.0 30'	98.0 29' -8.8 30'	start the installation in cycle mode, the display 1. u. 3.changes from set to actual value 2. u. 4.shows the dwell time in the chamber (the actual dwell time counts down) option: actual value additional sensor
Program status			
	P 98 L 2 Cy 0 10'	short information about program status: actual program number and line number number of cycles finished since program start dwell time for actual line	