

Product Code

UTD-1440 Freezing and Thawing Chamber for Slab Tests 280 L

Models for 220-240V 50-60 Hz, 1 ph	UTD-1440
for 110-120V 60 Hz, 1 ph.	UTD-1440-N

Standards

EN 1338, 1339, 1340, 1367-6, 13748-2, CEN/TS 12390-9 (Slab Test)

The chamber is equipped with a user defined program including up to 16 steps. Time can be adjusted to 999 minutes for each step of the program. The temperature range of the cabinet is -30°C to +65°C.

The temperature is controlled by a sensor which can be immersed

either into the sample or into the water which the sample is placed into or into the salty water solution placed on the sample before starting the test.

The calibration of the sensor is carried out using the user friendly menu.

The distribution of temperature in the cabinet is performed using an integral fan.

Free of charge Utest Software for transferring the data real-time to a computer is supplied complete with the cabinet and data can be monitored during the tests. Data can be converted to an excel report or

to a graph.

The condenser of the cabinet is fitted with an air cooled hermetic

cooler.

The gas used for the cooler does not include CFC's.

The control unit is electronic and equipped with digital display with

0.1°C

temperature resolution. The accuracy of cabin temperature distribution lower than 2°C.

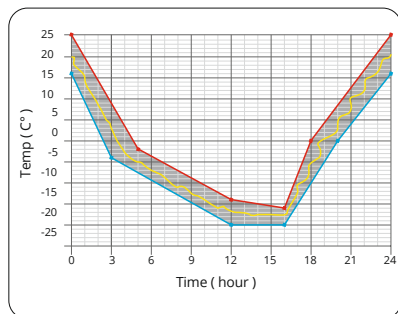
The user can preset the time and target temperature of each ramp and the number of each set by using the control unit.

UTD-1440 Freezing and Thawing Chamber is supplied complete with 3 pcs. displaceable shelves and a Utest software yazılım (USOFT-1440).



AUTOMATIC SETTINGS			
STEP	RAMP(mi)	TEST(min)	TEMP(C°)
1	4	0	-20
2	1	0	+0
3	4	0	+20
4	0	0	+0
5	0	0	+0
6	0	0	+0
7	0	0	+0
8	0	0	+0
9	0	0	+0
10	0	0	+0
BACK Repeat Set 5		AUTO TEST START	

The control unit is electronic and equipped with digital display with 0.1°C temperature resolution.



The user can preset the time and target temperature of each ramp and the number of each set by using the control unit.

Internal Dimensions	480x1260x460	mm
External Dimensions	600x690x1900	mm
Weight (approx.)	107 kg	
Power	1800 W	