

LED panels, automotive sensors, electronic components, devices, etc. for temperature reliability testing

-40°C ~ +80°C



CHP-774HS



CHP-774LC

Summary

This device incorporates four Peltier elements (UT7070-AL), enabling temperature environmental testing over a large area with a plate size of 220mm square. The temperature of the aluminum plate can provide a wide range of testing environments from -40° C to +80° C.

The sample mounting on the plate surface can be customized according to customer requirements.

The in-plane temperature distribution is $\pm 2.0^{\circ}$ C, and the temperature control accuracy is $\pm 0.5^{\circ}$ C (when using our temperature controller), allowing for highly precise temperature control.

Please utilize this for reliability testing of various automotive sensors and devices.

We have extensive experience in integrating temperature characteristic testing equipment for production lines. Feel free to consult us.

Specification

Type	CHP-774HS/LC
Temperature Range (°C)	-10 ~ +80 (Air-cooled (HS))
	-40 ~ +80 (Water-cooled (LC))
Plate area	220 x 220 mm Aluminum (Anodizing)
Peltier Module	UT-7070M 4 pieces
Driving Voltage (V) / Current (A)	DC 24 / 24
Sensor insertion hole	$\Phi 2.2 \times 100$ mm
Heat dissipation equipment	Air-cooled / Cooling fan (Included plate body)
	Water-cooled / Cooling Chiller (CA-133)
Temperature Controller	FC-2444 4CH Temperature Controller