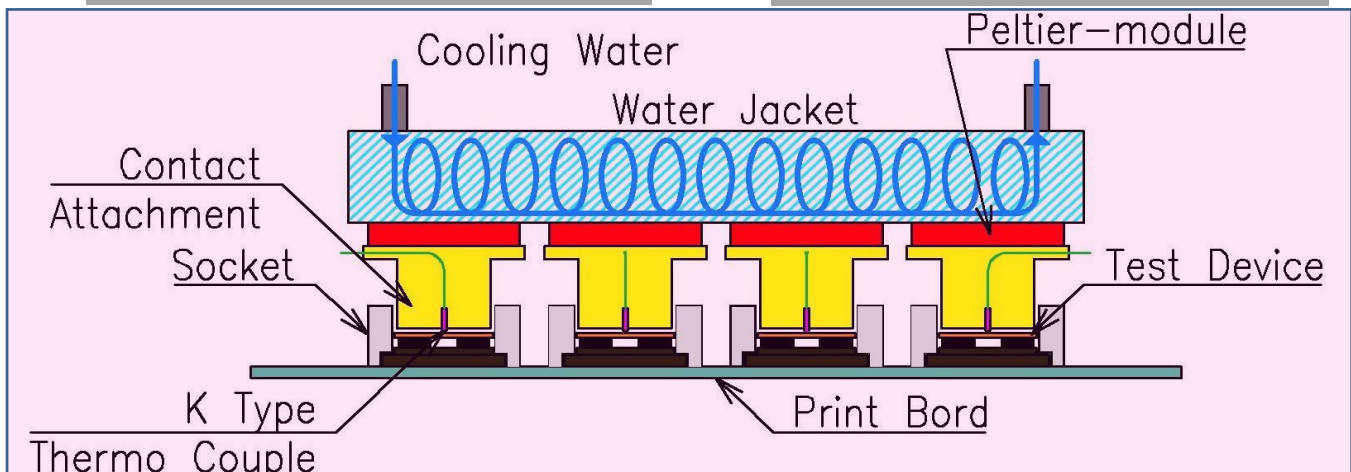
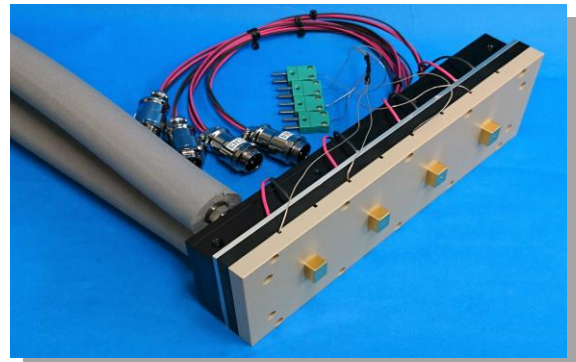
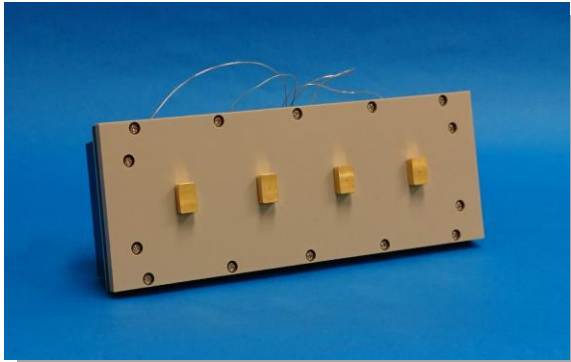


Thermal-Test Solutions at Memory-tester

PDT-4408

*Memorytester use Thermal Test Solutions
-55°C~+140°C 4-head to Device at HEAT-COOL*



Featur

Wearing of a precision temperature control (0.1 degree) tester automates package skin temperature With a pusher to a device by a peltier device at a quick direct heat transfer and temperature change K type thermo couple. Movement is also easy at a compact design.

With the nitrogen gas purge structure for dew condensation prevention (option: Nitrogen gas generating Equipment wearing is possible) An inspection device four element- 4CH pieces and Drive peltier device

Spec

MODEL	PDT-4408
Peltier Element	UT-4040X4
Heat radiation method	Water-cooling(use cooling chiller)
Temp. Reng (°C)	-55°C~+140°C
Temp. Sensor	K type thermo couple
Dimension (mm)	550 x 800 x 1500 h
Thermal Test Head (mm)	80 x 230
Temp. Controller	FC-4640 (4CHController)
Power supply	AC-100V/220V 25A

Applicable temperature controller



Featur

This device is a temperature controller developed to drive a 4DUT Peltier temperature control head. The temperature controller is equipped with a programmable controller, high-precision temperature control ($\pm 0.1\text{ }^{\circ}\text{C}$) and a wide temperature range can be connected to a PC at $-60\text{ }^{\circ}\text{C}$ to $+150\text{ }^{\circ}\text{C}$ (temperature setting range) (RS-485). The temperature sensor is a Peltier temperature control device that uses Pt100, a K-type thermocouple to measure the temperature of 4CH and control the temperature.

Spec

MODEL	FC-4640 4CH temperature controller
Setting. Range ($^{\circ}\text{C}$)	$-60 \sim +150$ (According to Peltier specifications)
Accuracy ($^{\circ}\text{C}$)	± 0.1
Temp. Sensor	Pt100 Platinum resistance thermometer, K-type thermocouple
Peltier output voltage (V) / current (A)	12V \cdot 4V / 6.5A
Control method / temperature controller	Time proportional PID control / SDC-25 (manufactured by Azbil Corporation)
Temperature program	6 points possible
Supply voltage (V)	AC 100 \sim 240
External dimensions (mm)	430 x 350 x 149(H)
Serial communication standard / port	RS485 / Terminal block

System block diagram

