

Thermo-cons/Thermoelectric Baths (Peltier-Type Temperature Control Equipment)

Peltier-Type Thermoelectric Bath **INR**



- High-precision temperature control bath that uses a Peltier device
- Compact and low noise
- Minimal up-down temperature distribution by a unique agitation method

Series	Set temperature range	Max. cooling capacity	Temperature stability	Cooling method	Circulating fluid
INR-244-696A	-15 to 60°C	280 W	±0.02°C	Peltier-type water-cooled	Tap water Ethylene glycol aqueous solution Fluorinated fluid (Square type can only be used at room temperature.)
INR-244-745	0 to 60°C	140 W	±0.03°C	Peltier-type water-cooled	
INR-244-733	0 to 60°C	140 W	±0.03°C	Peltier-type water-cooled	
INR-244-747	0 to 60°C	320 W	±0.03°C	Peltier-type water-cooled	
INR-244-736	0 to 60°C	320 W	±0.03°C	Peltier-type water-cooled	
INR-244-746	0 to 60°C	320 W	±0.03°C	Peltier-type water-cooled	
INR-244-734	0 to 60°C	320 W	±0.03°C	Peltier-type water-cooled	
INR-244-749	0 to 60°C	320 W	±0.03°C	Peltier-type water-cooled	
INR-244-748	0 to 60°C	320 W	±0.03°C	Peltier-type water-cooled	
INR-244-757	0 to 60°C	220 W	±0.03°C	Peltier-type air-cooled	

Peltier-Type Chemical Thermo-con **HED**

Fluoropolymer temperature control equipment for chemical liquids



- Heat exchanger for direct temperature control that uses a Peltier device
- Compatible with a wide range of chemical liquids through the use of a fluororesin heat exchanger
- Compliant with UL Standards, CE-marking

Series	Set temperature range	Cooling capacity	Temperature stability	Cooling method	Circulating fluid
HED	10 to 60°C	300 W 500 W 750 W	±0.1°C	Peltier-type water-cooled	Deionized water, Fluorinated fluid, Ammonia hydrogen peroxide solution, etc.

Air Temperature Controllers

Peltier-Type Air-Thermo **HEA**



- High-precision, compact temperature control equipment that uses a Peltier device
- Compatible with localized and small-volume temperature control

Series	Set temperature range	Cooling capacity	Temperature stability	Cooling method	Fluid
HEA	0 to 50°C	22 W	±0.1°C	Peltier-type air-cooled	Air

Thermo-dryer with Air Temperature Adjustment Function **IDH□**



- Stable supply of temperature and pressure controlled dry clean air
Can supply compressed air with the same conditions and quality regardless of the season
- Application example:
Supplying compressed air with constant conditions to air bearings mounted on a tool
- Built-in filter
Nominal filtration: 0.01 μm (99.9% filtration efficiency)
Outlet oil mist concentration: Max. 0.01 mg/m³ (ANR)
Outlet cleanliness: Particles of 0.3 μm or more: 3.5 particles/L (ANR) or less
- Compatible with power supplies from around the world
Single-phase 100, 200, 230 VAC (50/60 Hz)

Series	Air flow capacity [L/min (ANR)]	Outlet air temperature adjustment range	Outlet air set pressure range	Outlet air temperature stability	Cooling method
IDH□4	100 to 500	15 to 30°C	0.15 to 0.85 MPa	±0.1	Heater operation PID control
IDH□6	200 to 800	15 to 30°C	0.15 to 0.85 MPa	±0.1	