

COMMODITY DESCRIPTION

H.S. No	Item No	Description	Unit	Quantity
		ULT Cold Trap Bath	set	1

A. Model : JSCT-85ULT

B. Product Description : Ultra Low Temp. Cold Trap Bath

C. Manufacturer / Origin : JS Research Inc. / Korea

D. Application :

In vacuum applications, JSCT-85ULT Ultra Low Temperature Cold Trap Bath provides freezing temperature $-85\text{ }^{\circ}\text{C}$ to condensates and removes vapor or moisture being evacuated in the vacuum line to protect the vacuum pump from corrosion.

E. Photo



JSCT-85ULT Cold Trap Bath

F. Feature

Controller JSC-0D Digital Controller

- ✓ ± 2.0 °C Digital ON/OFF Controller with LED Display
- ✓ Automatic START/STOP timer
- ✓ Adjustable timer scale 99min 59sec / 99hr 59min / 99day 23hr or continuous operation
- ✓ Temperature calibration
- ✓ Auto-tuning function
- ✓ Class A Pt-100 Ω sensor

Construction

- ✓ Durable epoxy powder coated metallic casing
- ✓ Corrosion resistant Seamless Stainless Steel 304 bath
- ✓ Transparent acrylic bath lid to hold $\varnothing 60$ mm glass trap and easy to check condensation level

Performance

- ✓ ULT Ultra-Low-Temperature Technology allows ultimate minimum temperature to -85 °C and fast cooling time.
- ✓ Digital on/off temperature control within ± 2.0 °C

Convenience

- ✓ Easy to clean Seamless Stainless Steel 304 Bath
- ✓ Drain for easy emptying of the bath fluid
- ✓ Supplied with removable acrylic bath lid to hold glass trap
- ✓ Dust accumulation in refrigeration system is easily cleaned by means of an removable venting grill

Safety

- ✓ SENSOR DISCONNECTION ALARM
- ✓ OVER CURRENT CUT-OFF : Electric leakage breaker

G. Specifications

Bath Capacity	7.2 Liters
Inner Dims. (W x D x H)	$\varnothing 200$ x H230 mm
Outer Dims. (W x D x H)	370 x 470 x 730 mm
Minimum Temp.	-85 °C
Cooling	CFC Free air cooled compressor
Control	Microprocessor Digital on/off control Auto START / STOP Timer
Sensor	Class A PT-100 Ω Sensor
Safety	Over Current Cut-Off
Material	Body : Epoxy Powder Coated Steel Bath : Seamless Stainless Steel 304

Electrical Requirement	220 ± 10% VAC, 50/60Hz, 1-Phase
Power Rating	4.1 amps
Plug Configuration	CEE 7/7 Schuko or BS 1363

H. Standard Accessories

- Transparent acrylic bath lid for glass trap : 1 EA
- Power Cord : 1 EA
- Instruction Manual : 1 EA
- Warranty Card : 1 EA

I. Options & Accessories

Art No.	Descriptions
W2V10	Rotary Vane Vacuum Pump 100L/min. 5×10^{-4} Torr
OHG-001	Glass Trap

J. Warranty

- 1 Year full coverage warranty