COMMODITY DESCRIPTION

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

A. Model : JSTC-55ULT

B. Product Description : Tabletop ULT Cold Trap Bath

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

D. Application :

JSTC-55ULT Tabletop ULT Cold Trap Bath collect evaporated liquid from vacuum application by providing freezing temperature -55 ℃ to condensates and removes vapor or moisture being evacuated in the vacuum line to protect the vacuum pump and the laboratory environment from the harmful effect of vapors, fumes and corrosives.

The Traps may also be used in other laboratory applications such as freeze drying, vacuum concentrator, vacuum centrifuge or desiccation.

E. Photo

JSTC-55ULT Tabletop ULT 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-100Ω sensor

Construction

- ✓ Compact tabletop design with Ultra Low Temperature technology
- ✓ Durable epoxy powder coated metallic casing
- ✓ Corrosion resistant Stainless Steel 304 bath
- ✓ Transparent acrylic bath lid to hold ø60 mm glass trap and easy to check condensation level

Performance

- ✓ ULT Ultra-Low-Temperature Technology allows ultimate minimum temperature to -55 °C and fast cooling time.
- ✓ Compact tabletop design and ultra low temperature allow use with any kind of vacuum concentrator or vacuum centrifuge.
- ✓ Digital on/off temperature control within ± 2.0 °C

Convenience

- ✓ Easy to clean 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	2.8 Liters
Inner Dims. (W x D x H)	110 x 110 x 230 mm
Outer Dims. (W x D x H)	380 x 560 x 520 mm
Minimum Temp.	-55℃
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 : Stainless Steel 304
Electrical Requirement	220 ± 10% VAC, 50/60Hz, 1-Phase
Power Rating	3.1 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 x 10^{-4} Torr
OHG-001	Glass Trap

J. Warranty

1 Year full coverage warranty