

Thermo Scientific Savant RVT450 Refrigerated Vapor Trap



SpeedVac trap includes glass bottle insert and rubber head; Manufactured 6/2023.

Rating: Not Rated Yet

Price

Sales price \$2,250.00

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Manufacturer [Thermo Scientific](#)

Description

Compact benchtop cold trap that condenses and collects solvent vapors to protect vacuum pumps during SpeedVac concentration. The Thermo Scientific Savant RVT450 is a mechanically refrigerated vapor trap designed for use with SpeedVac vacuum concentrators. It cools to approximately -50°C to trap water and non-aggressive organic solvent vapors in a 4 L glass condensation flask, preventing contamination and degradation of oil-sealed vacuum pumps while eliminating the need for dry ice/acetone coolants.

Key Features:

- Operating temperature of approximately -50°C .
- 4-liter capacity glass condensation flask for solvent collection.
- CFC-free (HCFC-free) sealed refrigeration system — no dry ice or acetone required.
- Rapid cool-down to operating temperature (minimizes wait time).
- Easy-to-remove glass flask for quick solvent changes and draining.
- Protects oil-sealed vacuum pumps from vapor contamination and extends pump life.
- Suitable for water and non-aggressive organic solvents.
- Compact benchtop design: approx. $14 \times 24 \times 12$ in ($36 \times 61 \times 30$ cm), 71 lb (32 kg).
- Available in 115 V/60 Hz or 230 V/50 Hz versions.
- Continuous operation capability with simple on/off controls.

Comes with our 90-day warranty.

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