

# Thermo Scientific Savant SPD121P, SPD131DDA SpeedVac Kits

Reliable and versatile our SPD121P and 131DDA SpeedVac Kits can be used with a wide variety of solvents. The SPD131DDA kits offer resistance to TFA, DMSO and other aggressive solvents used in combinatorial chemistry applications.

## Savant SPD121P

### Product Features

- Deep aluminum PTFE coated chamber
- Safety cover lock
- Radiant glass safety cover improves drying time by applying radiant IR heat to samples
- PTFE plumbing and tubing
- Two valve manifold with built-in automatic bleeder valve
- Time/temperature display incorporating membrane touch pad switches
- Time/vacuum run
- Variable drying times from 35°C to 80°C in 5 degree increments
- Manual/auto timed run
- Endpoint mode terminates run when pre-set vacuum level is reached
- Built-in vacuum gauge and vacuum display
- Standard glass safety lids

See pages 24-27 for additional rotors and accessories. For detailed technical specifications see page 22-23.

Contact us at  
[speedvac@thermofisher.com](mailto:speedvac@thermofisher.com)  
for applications support.

### Solvents and Solvent

#### Combinations - SPD121P P1

- Acetone
- Chloroform
- Ethyl acetate
- Hexane
- Methylene chloride

### Typical Applications

- Removing ethyl acetate from samples for CAT assay
- Drug metabolites in solid phase extracts
- Analyte elution solvents for evaporation.



### What's included in the Savant SPD121P P1 SpeedVac Kit?

- SpeedVac concentrator
- -105°C, ultra-low temperature refrigerated vapor trap
- OFP400 oil free, ETFE/PFA four-headed pump
- 64 x 1.5mL rotor (RH64-11)
- Digital vacuum gauge
- Chemical trap kit for use with disposable cartridge
- Disposable cartridge with color indicator for trapping acids and water vapor
- Tubing and fitting kit including 4' of clear, thick-walled vacuum tubing, two clamps and a cutter
- Glass condensation flask
- CryoCool heat transfer fluid (1L)

## Savant SPD121 P SpeedVac Kit Ordering Information

Model No.	Description	Voltage	Shipping Dimensions W x H x D in (mm)	Shipping Weight lbs (kg)
SPD121PP1-115	SPD121P P1 SpeedVac Kit	115 V/60 Hz	32 x 34 x 82 (813 x 864 x 2083)	355 (161)
SPD121PP1-230	SPD121P P1 SpeedVac Kit	230V/50Hz	32 x 34 x 82 (813 x 864 x 2083)	355 (161)



## Savant SPD131DDA

### Product Features

- All the product features of the SPD121P plus:
- Radiant lamps within the chamber
- Heated lid for processing high boiling solvents (DMSO, DMF)
- Wider vapor port and tubing for enhanced vapor throughput – reducing drying times
- Adjustable vacuum level for preventing bumping of difficult solvent mixtures and optimizing drying times
- -5°C trap specifically designed for trapping high boiling point solvents
- Standard glass safety lids

### Solvents and Solvent Combinations - SPD131DDA P1

- Acetic acid
- Ammonium hydroxide
- Formic acid
- Hydrochloric acid
- TFA
- Methylene chloride and TFA
- Acetone and HCL
- Methylene chloride and MEOH
- DMSO and methanol

See pages 24-27 for additional rotors and accessories. For detailed technical specifications see page 22-23.

### Solvents and Solvent Combinations - SPD131DDA P2

- DMSO
- DMF
- Toluene

### Typical Applications - SPD131DDA P1

- Solid phase extractions
- Drying lipid extracts
- Flash chromatography fractions
- Solid phase synthesis cleavage solutions such as protein hydrolyzates and evaporating synthesis solids



### Typical Applications - SPD131DDA P2

- Compound management
- Evaporating dissolution solvents

### What's included in the following SpeedVac Kits?

#### Savant SPD131DDA P1

- SpeedVac concentrator, acid resistant
- -105°C, ultra-low temperature refrigerated vapor trap
- OFP400 oil free, ETFE/PFA four-headed pump
- Rotor (RH40-12) for 40 12 x 75mm glass tubes
- Glass condensation flask
- CryoCool heat transfer fluid (1L)
- Tubing and fitting kit including 4' of clear, thick-walled vacuum tubing, two clamps and a cutter

#### Savant SPD131DDA P2

- SpeedVac concentrator, basic molecular biology
- -5°C refrigerated vapor trap
- Vacuum pump
- Rotor (RH24-15) for 15 15 x 45mm 1 dram vials
- Chemical trap kit for use with disposable cartridge
- Disposable cartridge with color indicator for trapping acids and water vapor
- Tubing and fitting kit including 4' of clear, thick-walled vacuum tubing, two clamps and a cutter
- Glass condensation flask
- CryoCool heat transfer fluid (1L)
- Vacuum pump lubricating oil

### Savant SPD131 DDA SpeedVac Kit Ordering Information

Model No.	Description	Voltage	Shipping Dimensions W x H x D in (mm)	Shipping Weight lbs (kg)
SPD131DDAP1-115	SPD131DDA P1 SpeedVac Kit	115 V/60 Hz	32 x 34 x 82 (813 x 864 x 2083)	355 (161)
SPD131DDAP1-230	SPD131DDA P1 SpeedVac Kit	230 V/50 Hz	32 x 34 x 82 (813 x 864 x 2083)	355 (161)
SPD131DDAP2-115	SPD131DDA P2 SpeedVac Kit	115 V/60 Hz	32 x 34 x 82 (813 x 864 x 2083)	350 (159)
SPD131DDAP2-230	SPD131DDA P2 SpeedVac Kit	230 V/50 Hz	32 x 34 x 82 (813 x 864 x 2083)	350 (159)