

Support sample preparation with ease and efficiency

Compact and integrated vacuum concentrator for sample safety and reproducible results



Designed for DNA and RNA applications, the compact and integrated Thermo Scientific™ Savant™ SpeedVac™ DNA130 vacuum concentrator supports the rapid and safe concentration and drying-down of samples, including nucleic acids, PCR preps and synthetic oligos.

Support your low-volume sample preparation needs with the easy-to-use Savant SpeedVac DNA130 concentrator. Use one of three user-defined programs for efficiency of operation.

Benefits

- **Proven Reliability**

With over 50 years of high-quality vacuum concentrators, you can feel confident the Savant SpeedVac family of products will help deliver the reproducible results you depend on.

- **Compact, Easy To Use Design**

- Only 29 cm (11.5 in) wide – freeing up valuable bench space.
- Create and save up to three user-defined methods for faster operation.

- **Safety Assurance**

- External post trap neutralizes ammonium hydroxide vapors.
- For concentrating radioactive samples, an optional radioactive chemical trap kit can be used to minimize concerns in handling hazardous fumes and chemicals.
- Lid lock illuminates when lid is closed and locked.

- **Sample Integrity**

- DNA/RNA samples require careful handling during the denaturing process. Dry at ambient temperatures or at very low heat to ensure maximum sample protection.
- Data integrity and transfer ability to download data from a USB port.

| Product Specifications | |
|---|--|
| Physical Properties | |
| Dimensions (WxDxH) | 11.5 x 25 x 12 in / 29 x 64 x 31 cm |
| Additional Required | |
| Ventilation Space | 3 in / 8 cm on all sides |
| Shipping Dimensions | |
| Boxed (WxDxH) | 20 x 32 x 19 in / 66 x 81 x 61 cm |
| Product Weight | 39 kg / 86 lbs |
| Shipping Weight (Boxed) | 48 kg / 105 lbs |
| Materials of Construction | |
| Chamber | Teflon coated aluminum |
| Chamber Seal | Silicone rubber |
| Pump Heads | 2-headed pump with ETFE diaphragms |
| Cover | Transparent acrylic lid with safety lock |
| Operational Requirements | |
| Voltage Input/Frequency/Power | |
| DNA130-115 | 115V AC / 60 Hz, 10 Amps |
| DNA130-230 | 230 VAC / 50 Hz, 6 Amps |
| Plug Configuration | |
| DNA130-115 | NEMA 5-15P |
| DNA130-230 | SCHUKO CEE 7-7 |
| Typical Rotor Spin Speed | 50Hz 1300 RPM (Max) 60Hz 1600 RPM (Max) |
| Motor | Maintenance-free induction motor |
| Performance Properties | |
| Noise | <65 dBA |
| Vacuum Pump | ETFE oil-free diaphragm pump |
| Capacity | 36 L/min at 60 Hz, 30 L/min at 50 Hz |
| Vacuum Control (Ultimate Vacuum Level) | |
| | <10 Torr (13 mbar, 1.3 kPa) |
| Temperature Range | |
| | Ambient* to 65 °C |
| Display/User Interface | |
| Programs | 3 selectable programs by application Can be modified and stored Auto and manual run selector |
| Control Panel | LED read out of temperature, run time and heat time |
| Temperature Set Point | Ambient, 35-65 °C in 5 °C increments |
| Timer Range (Heat and Run) | 1 minute to 9 hours and 59 minutes, continuous |
| Modes of Operation | Auto, Manual and Pre-heat temperature |
| Compliance | |
| Compliance | UL listed to U.S. and Canadian requirements. CE marked. |

| Ordering Information | | | |
|---|---|----------------------------|---------------------|
| Cat. No. | Description | | |
| DNA130-115 | DNA SpeedVac system, 115 VAC 60 Hz. Includes one RD36 rotor | | |
| DNA130-230 | DNA SpeedVac system, 230 VAC 50 Hz. Includes one RD36 rotor | | |
| Rotor Accessories | | | |
| | Rotor Part No. | Working Volume | No. of Tubes |
| Micro Centrifuge Tubes | RD24 | 1.5 - 2.0 mL | 24 |
| | RD36* | 1.5 - 2.0 mL | 36 |
| | RD48 | 0.5 mL | 48 |
| | RD72 | 0.5 mL | 72 |
| Microplate | RD2MP | Multi-well Shallow-well | 2 |
| *included with the DNA130-115 and DNA130-230 SpeedVac Systems | | | |
| Other Accessories | | | |
| SCT120 | Chemical trap (order cartridges separately) | | |
| DTK120R | Chemical trap kit for radioactivity | | |
| DC120A | Disposable cartridge for neutralizing acid | | |
| DC120R | Disposable cartridge for trapping volatile radioactivity | | |
| ANT100 | Post-trap assembly used with ANS121 for Oligo Preps | | |
| ANS121 | Ammonia neutralizing solution for Oligo Preps | | |
| CC120/DX | Deluxe convenience cart | | |

*Ambient Temperature = 17-32 °C



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Use the above details to contact us if this literature doesn't answer all your questions.

Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

