Vacuum Centrifugal Concentrator - Benchtop Sample Evaporator - 1800 rpm, 380×g - RT+5 to 70°C

Model **MSVCC-A1SWISS** | Brand **Master Science**





The Master Science Vacuum Centrifugal Concentrator removes solvents from small-volume samples by combining centrifugation, vacuum and gentle heat. Centrifugal force keeps the liquid at the bottom of each tube while it evaporates, preventing bumping and cross-contamination.

KEY HIGHLIGHTS

- Chemical resistance
- Small footprint
- Simple operation
- Quick temperature presets

AT A GLANCE

RT+5 to 70°C	1800 rpm
TEMPERATURE CONTROL RANGE	SPEED

Request a Quotation
Contact us for pricing, configuration options and delivery details.

support@themsci.com
www.themsci.com

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Overview

It is used for DNA/RNA work, biochemistry, immunoassays, food safety and residue analysis, environmental testing, HPLC and SPE sample preparation, and forensic and pharmaceutical analysis.
At only 28 cm wide it saves bench space while holding 66 tubes of 1.5 ml. The chamber is Teflon-coated and every gas-contact part is PTFE, so the Master Science Vacuum Centrifugal Concentrator resists aggressive solvents, and quick temperature keys for room temperature, 30, 45 and 60°C make setup simple.

For automated DNA and RNA purification before concentration, see our automatic nucleic acid extractor.

Drying many small samples by nitrogen blow-down or air takes time and risks loss. The Master Science Vacuum Centrifugal Concentrator helps with:

Key Benefits

Chemical resistance
PTFE gas path and a Teflon-coated chamber stand up to corrosive solvents.

Small footprint
Only 28 cm wide, yet takes 66 × 1.5 ml tubes.

Simple operation
One-button start/stop helps prevent accidental operation.

Quick temperature presets
RT, 30, 45 and 60°C keys for safe, efficient concentration.

Technical Specifications

GENERAL	
Brand	Master Science
Model Number	MSVCC-A1SWISS
SKU	MSVCC-A1SWISS
Brand	Master Science
Model	MSVCC-A1SWISS
SKU	MSVCC-A1SWISS
Speed	1800 rpm
General	Max. Centrifugal Force: 380 × g
Timer	0 to 9999 min
Temperature Control Range	**RT+5 to 70°C**
Noise	≤ 55 dB(A)
Standard Rotor	66 × 1.5 ml
Gas-Contact Parts	PTFE
Chamber	Teflon coated

POWER	
Power Supply	AC 220 V, 50/60 Hz, 10 A
Power	1000 W

DIMENSIONS & WEIGHT	
External Dimensions	350 × 280 × 290 mm
Net Weight	18 kg

PROBLEMS THE MASTER SCIENCE VACUUM CENTRIFUGAL CONCENTRATOR SOLVES	
Sample bumping and loss	Centrifugal force keeps liquid in the tube during evaporation.
Solvent attack on equipment	PTFE and Teflon surfaces resist corrosive vapours.
Heat-sensitive samples	Low preset temperatures protect delicate analytes.
Limited bench space	A 28 cm wide body fits crowded labs.

The Master Science Vacuum Centrifugal Concentrator is used in

- **DNA/RNA and molecular biology research**
- **Biochemistry, bioanalysis and immunoassays**
- **Food safety, residue and environmental analysis**
- **HPLC sample preparation and SPE eluate drying**
- **Forensic, toxicology and pharmaceutical analysis**

Concentration System

- 1800 rpm, 380 × g centrifugation under vacuum
- Heating from RT+5 to 70°C
- Timer up to 9999 min
- Quiet operation, ≤ 55 dB(A)

Materials

- Teflon-coated centrifuge chamber
- PTFE tubing and gas-contact parts

Operation

- One-button start/stop
- Quick temperature keys: RT, 30, 45, 60°C
- Vacuum gauge on the front panel

Standard Accessories Included

- Concentrator main unit
- 66 × 1.5 ml rotor