

MACHEREY-NAGEL

High-Volume Sample Processing on Automated SPE Systems

Chromatography



CHROMABOND® C18 100 mg MULTI 96-Monoblock SW

- 96-well high-throughput for sample preparation
- Allows sample volumes of up to 2,000 μ L per cavity
- Optimized for fully automated workflows

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Introduction

Solid-phase extraction (SPE) is a widespread technique for concentrating trace analytes that can be time-consuming. MULTI 96-Monoblock plates streamline SPE workflows by enabling faster processing, reducing hands-on time, and delivering consistently high-quality data — whether used manually or in fully automated setups.

Optimized for fully automated workflows, these plates are fully compatible with existing robotic platforms, enabling high-throughput automation of even large-volume samples.

Benefits

By using the CHROMABOND® C18 100 mg Multi 96-Monoblock SW plate you profit from:

- Full-auto investigation of large sample volumes (2,000 µL)
- Renowned SPE phase for a broad range of RP applications
- High recovery rates and batch-to-batch reproducibility
- Excellent value for money
- Precise processing manually and fully automated

Technical data

- Octadecyl (ODS, C18, RP18) modified silica phase, not endcapped
- Particle shape: Fully porous particles (FPP)
- pH stability: 2 – 8
- 2,000 µL cavity volume
- 100 mg sorbent filling
- Hardware frame: SquareWell (SW)

The plate format

SquareWell (SW) is a modified 96-well SPE plate format designed to increase capacity. An optimized top frame with square-shaped openings aligns with the underlying wells, removing the gaps typically found between circular wells to maximize the cavity volume (2,000 µL) at a constant height. This enables larger sample volumes without changing the plate's outer dimensions, ensuring compatibility with standard 96-well SPE systems.

Ordering information

Product	Format	REF
CHROMABOND® C18 100 mg Multi 96-Monoblock SW	96 x 100 mg	738002.100M

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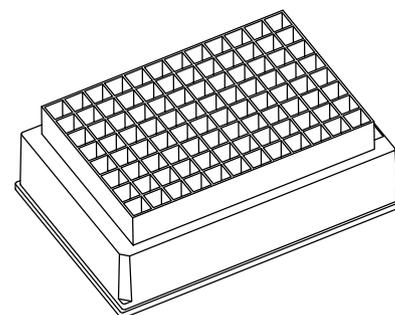
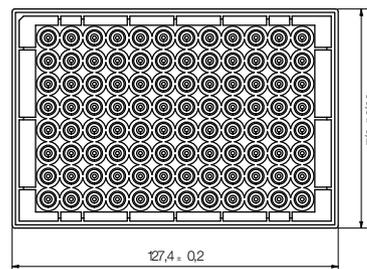
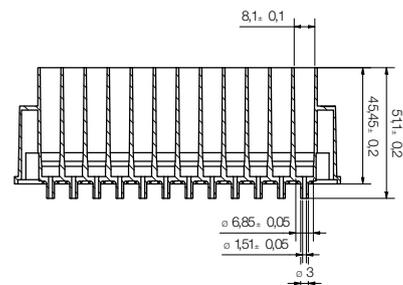
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Recommended applications

- Investigation of several sample matrices, e.g. human serum, urine, blood
- High-throughput analysis in 96 well format



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