

Filtration of Wine Samples and Measure of the Wine Clogging Index

Product Information

When small volumes of wine need to be filtered for their presentation and tasting, Midicaps® capsules simplify your filtration in complete safety and while respecting your wines.

From a Few Liters to Hundreds of Liters!

The filter materials of the Midicaps® are the same as those used on the bottling lines but with surface areas 9 times smaller.



Applications

According to the filter materials chosen and their pore size:

- Clarification
- Particle retention
- Bioburden reduction
- Sterile filtration

Midicaps® filtration capsules simplify your filtration in complete safety and while respecting your wines.

Midicaps®: Ready-to-Use Filtration Capsules

Traceability

Each capsule is identified: type of filter, reference, pore size and batch number.

Engraving on the capsules of the conditions for use and direction of filtration.

Quality

Purge and sanitary type vent to optimize the use of the capsules. Midicaps® have a validation guide according to FDA recommendations. Quality assurance certificates in each box.

Ease of use

Available with different connections: triclamp or hose barb for flexible tubing.

Sterilized by autoclaving or hot water. Contact us for advice on the regeneration and storage of capsules.

Filtration of Wine Samples and Measurement of the Clogging Index of Wine



5 liter vessel

Sartorius provides a stainless steel vessel for the filtration of small volumes of wine.

Application

- Filtration of wine samples with filtration capsules
- Measurement of the clogging index and Vmax

Practical and versatile

Ease of use

- Stainless steel system mounted on an height-adjustable scaffold
- 0 to 6 bar pressure gauge.
- Two valves at the highest point for the intake of air and release into the atmosphere after filtration.
- A valve at the lowest point for the outlet of wine.



2 in 1!

- Equipped as standard with a support disc of 25 mm in diameter to measure the clogging index and Vmax.
- Triclamp connector for mounting a capsule filter and filtering wine samples.

Technical Specifications

Dimensions (W × D × H)	450 × 460 × 1300 mm (17 ¾ × 18 ⅞ × 51 ⅜ in)
Weight (approx)	117 kg (37.48 lbs)

Ordering Information

Vessel

Description	References
Complete 5 liter vessel	FR-INDICE5L349

Membrane for the Measure of the Clogging Index and Vmax

Description	References
0,65 µm cellulose acetate membrane 25 mm in diameter (box of 100)	111 05 025N

Midicaps® Capsules for Filtration of Samples

Filter material	Applications	Pore size	Inlet connection	Inlet connection	References
Positively charged fiberglass	Brightness of the wines	0,65 µm	Clamp	Hose barb	5555305P9--SO--A
			Hose barb	Hose barb	5555305P9--OO--A
		1,2 µm	Clamp	Hose barb	5555303P9--SO--A
			Hose barb	Hose barb	5555303P9--OO--A
Polypropylene	Clarification of the wines and particle retention	0,65 µm	Clamp	Hose barb	5055305P9--SO--A
			Hose barb	Hose barb	5055305P9--OO--A
		3 µm	Clamp	Hose barb	5055302P9--SO--A
			Hose barb	Hose barb	5055302P9--OO--A
		5 µm	Clamp	Clamp	5055302P9--SS--A
			Hose barb	Hose barb	5055342P9--OO--A
Cellulose acetate	Sterilizing filtration	0,65 µm	Clamp	Clamp	5625305A9--SS--A
		0,45 µm	Clamp	Hose barb	5625306G9--SO--A

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