

AQUACHEM - Mobile Test Filter Press LCM320

Compact power for process optimisation, pilot trials or small batches

To identify the best filtration solution for your process, you need reliable data - especially regarding the filtration properties of your suspension. Whether the filter cloth is suitable and the press size is appropriate is best determined through real-life testing. That's where our mobile membrane filter press LCM320 comes in: it enables practical, on-site testing - fast, safe, and without disrupting your ongoing production.

Applications of the LCM320

For individual requirements, we offer design tests using your original suspension to ensure the optimal process solution. We also provide targeted support for process optimisation in cases of product or procedure changes.

In addition, our LCM320 is ideal to produce small batches - for example, in the pharmaceutical industry, in development, or for treating grinding sludges.

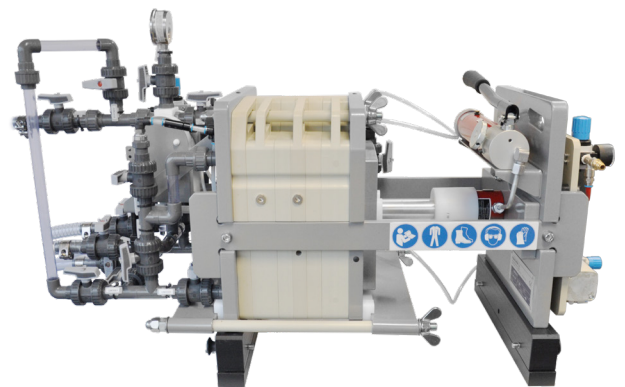


Test your suspension on-site – without disrupting your ongoing production.

Every suspension is different!

Testing provides crucial insights. To find the optimal filtration solution for your process, trials are essential. They offer valuable data on:

- Specific filtration performance
- Achievable residual moisture
- Efficiency of cake washing
- The suitable filter cloth
- Optimal cycle times
- Filtrate quality
- Specific cake density



Technical specifications at a glance

	LCM320 - Filter series	LCM320 - Pilot filter
Filtration area (m ²)	0.09 - 0.45	0.09 - 0.18
Chamber depth (mm)	32	32
Number of chambers	1 - 8	1 - 2
Chamber volume (l)	1.5 - 12	1.5 - 3

Dimensions: 97 x 48 x 59 cm (l x w x h) | Weight: approx. 80 kg | Work area required: approx. 2.5 x 2.5 m | Air supply: minimum 5.5 bar



AQUACHEM - Lab Filter Press LC50

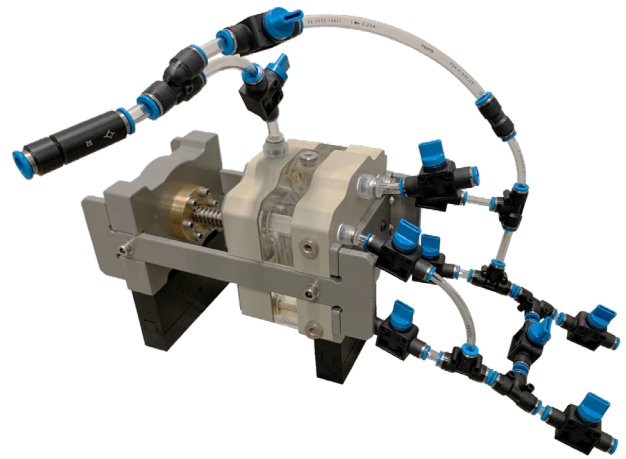
Compact chamber filter press for basic trials and filter cloth testing

For precise lab-scale filtration trials: The LC50 (and its larger counterpart, the LC50MC) delivers reliable results with minimal sample volume.

Our innovative **LC50** laboratory press enables quick, precise, and reproducible basic tests using as little as 50 ml of suspension. It's perfect for early-stage process evaluation or filter cloth selection.

The **LC50MC** allows for the simultaneous testing of up to **8** different filter cloths under identical conditions.

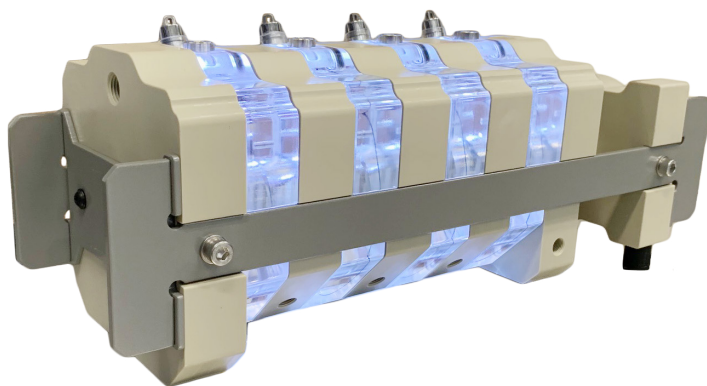
Thanks to transparent filter chambers, you can observe cake formation in real time and assess your processes accurately.



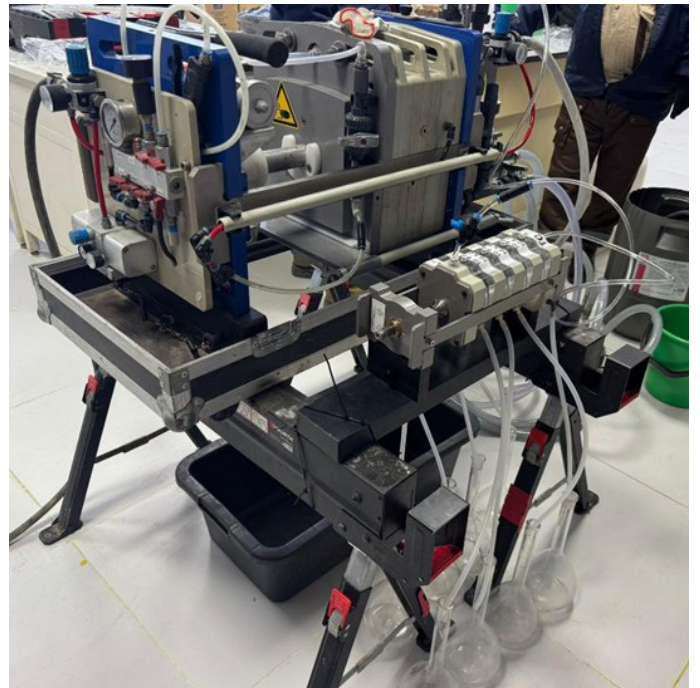
The LC50 for basic trials and filter cloth selection

Quick to combine – Twice as efficient!

The LC50 series can also be operated in a bypass setup with our LCM320, allowing rapid test optimisations during pilot trials.



LC50MC – Efficient and comparable filter cloth testing



The LC50MC used alongside our LCM320 for on-site trials

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