

4 more Labor[®]

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- FILTER TABLE FOR THE **EXPRESS ELUATE** ACCORDING TO DIN

FILTER TABLE FOR THE EXPRESS ELUATE

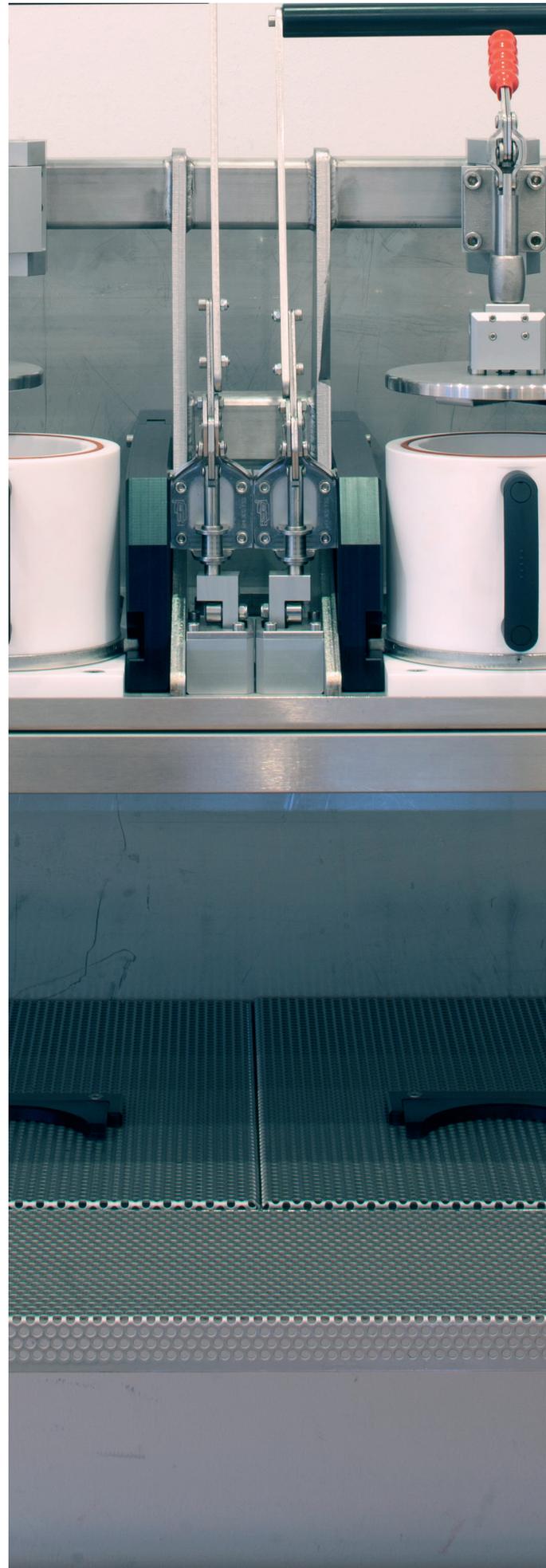
ACCORDING TO DIN

The EXP4, based on the EW98/DIN19527, is our answer to conventional pressure filtration systems. In order to reduce sample preparation times to an economical level, we have developed the EXP4 filter table. The time-consuming manual Filter cup system has been replaced by our filter table EXP4 in several years of development work. Here you are able to filter up to 4 samples simultaneously, semi-automatically. The PTFE media-carrying elements are easy to clean and prevent carry-over. The EXP4 not only saves valuable working time, but also makes the work process easier for the user. On the one hand, you save a lot of time compared to the unwieldy cleaning of conventional filter systems; on the other hand, the heavy individual components no longer have to be lifted manually. Error-free and reproducible work thus becomes a routine suitable for everyday use.

- You save time, depending on the type of sample you can implement up to 24 filter processes in one hour
- You are safe in the error-free implementation and can control the process with a few simple steps
- Easy cleaning without risk of carry-over
- Back-protecting work
- The PTFE filter cups can be lifted out and rinsed manually or automatically
- All components can be replaced

TECHNICAL SPECIFICATIONS

Media or filtrate contacting materials	PTFE
Rack	(316L) Stainless steel 1.404
Compressed air lines and valves	PE permissible up to 10 bar
Working pressure at the filter bowl	maximum 3
in Bar	
Supply line for demineralised water level shower and manual hand showers	3/4 in. male thread
Permissible inlet pressure	6
in Bar	
perforated sieves to receive the membrane or fibreglass filter	V2A eroded, Teflon-coated
O-rings for sealing the filter pots	Silicone (red), free of plasticizers
Floor drain in the tub	(304) 1.4301
Measurements	1500 x 750 x 2030
in mm	
Weight	236
in kg	
Order number	10060630



JOB PROCESS

You Need:

- Space requirement: At least 1500 mm in width
- Compressed air (dried and oil-free)
- demineralized water for rinsing (from the pipe), better 5 $\mu\text{S}/\text{cm}$
- Suitable membrane filters or glass fibre filters

1

Put on Perforated plate, Filter holder, membrane filter and O-ring



2

Positioning and locking the pot



3

Place the collecting bottle underneath



4

Fill Sample



5

Sealing and filtering



6

Done!



- Depending on the nature of your sample, you can filter up to 24 eluates per hour with our filter table
- You can work in parallel while one or more samples are running



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