

# Whatman Microbiological monitors

Whatman microbiological monitors provide a complete system solution for liquid sample preparation. Each monitor is a single-use, pre-sterilized filtering unit consisting of a measured filter funnel, base, pad, membrane, removable lid and plug. With no need for flaming or sterilization, Whatman monitors cut multiple steps out of the testing process, saving your lab up to 70% in preparation time. These ready-to-use 100 ml units are suited for monitoring contaminants in all types of samples, from raw materials to finished products.



## Features and benefits

- **Rapid testing:** With no need to sterilize funnels or filter base between samples, testing time can be reduced by up to 70%
- **No flaming required:** Combined filtration unit minimizes the risk of cross-contamination
- **All-in-one system:** Filtration unit easily converts to a Petri dish, which can be labeled and incubated for culturing
- **Reduced contamination:** Single-use materials virtually eliminate cross-contamination between funnel and membrane
- **Reproducible results:** All-in-one filtration unit reduces the chance of external error
- **Easy handling:** Ready-to-use, pre-sterilized monitors are simple to use

## Applications

Microbiological analysis of:

- Potable water
- Waste water
- Soft drinks
- Beer and wine
- Dairy products

## Workflow



**Fig 1.** Sample is poured into monitor unit and filtered.  
(Workflow continued on next page)



## Workflow (continued)



**Fig 2.** Funnel is removed from monitor unit.



**Fig 3.** Microbiological media is added to membrane.



**Fig 4.** Lid is placed on top of membrane, forming a Petri dish.

## Ordering information - monitors

Description	Qty/ pkg	Catalog number	
		47 mm	56 mm
0.2 µm, white/black grid	50	10 497 511	10 497 603
0.45 µm, white/black grid	50	10 497 500	10 497 600
0.45 µm, white/black grid, packaged <sup>1</sup>	50	10 497 501	n/a
0.45 µm, white/black grid	50	10 497 502	10 497 601
0.8 µm, white/black grid	50	10 497 503	10 497 602

<sup>1</sup> Individually wrapped, sterile

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