



55-Plus™ Monitor

A ready-to-use and disposable filtration unit for microbiological analysis of beverages and in-process water

Test beverages and other liquids faster and easier with our 55-Plus™ monitors. These disposable and sterilized units are a convenient and easy system that enables you to optimize the analysis time for routine testing. After sample filtration, simply add 2 mL of liquid culture media and convert the base of the unit into a Petri dish for incubation.

Reduce Laboratory Workload

These sterilized and disposable, ready-to-use devices eliminate the need for washing and autoclaving of filter funnels. Preparation and handling times are greatly reduced and there is no filter assembly before testing.

Speed Up Sample Processing

55-Plus™ monitors have 50% more filtration area than conventional 47 mm filter holders and devices, resulting in faster flow rates.

Benefits

- Convenient and easy to use
- Sterilized, ready-to-use devices save time and expense



Processing an aqueous sample using the 55-Plus™ monitor can be done in 5 simple steps.



Step 1.
Place a 55-Plus™ monitor on the vacuum support.



Step 2.
Pour the sample into the funnel and filter by applying vacuum. Depending on your sample properties, a rinsing step may be needed.



Step 3.
Insert liquid culture medium:
A. By the top:
Add medium directly into the top of the filtration funnel and then apply vacuum to absorb medium into absorbent pad.



B. By the bottom:
Invert the monitor and introduce the medium into the base through the bottom port.



Step 4.
Convert filtration unit into Petri dish by removing the funnel, replacing the lid and putting the cap on the bottom port.



Step 5.
Incubate upside down at the appropriate temperature and time. After the incubation period, examine and count colonies.

Specifications

55-Plus™ Monitors

Materials	Funnel, lid and base:	Styrene
	Cap:	Polyethylene
	Membrane:	Mixed esters of cellulose
	Absorbent pad:	Cellulose
Filter Area	21.1 cm ²	

Ordering Information

55-Plus™ Monitors

Description		Cat. No.
55-Plus™ monitors, 50/pk	0.45 µm, black	JBRMHBG05505
	0.45 µm, white	JBRMHWG05505
	0.8 µm, black	JBRMABG05505
55-Plus™ monitor connector adapter, 5/pk		JBRM00005505

Growth Culture Media

2 mL liquid media ampoules, 50/pk

Media Type	Application	Cat. No.
m-FC broth	fecal coliform	MHA000P2F
m-Endo broth	total coliform	MHA000P2E
TGE broth	total count	MHA000P2T
m-Green broth	yeast and mold	MHA000P2M

Many more types of media are available. Contact us directly or visit our website.

To place an order or receive technical assistance

Please visit
MerckMillipore.com/contactPS

For additional information, please visit
MerckMillipore.com

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