



Data Sheet

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 55-Plus monitors from Millipore. 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 saves time and expense

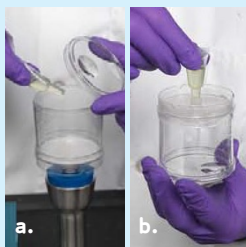
Processing an aqueous sample using the 55-Plus monitor can be done in 5 simple steps:



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 media:
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 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 cm²

TO PLACE AN ORDER OR RECEIVE TECHNICAL ASSISTANCE

For additional information call your nearest Millipore office:

To find the office nearest you: www.millipore.com/offices

Internet: www.millipore.com

Technical Service: www.millipore.com/techservice



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ORDERING INFORMATION

55-Plus Monitors

Description		Catalogue 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	Catalogue No.
TGE broth	total count	MHA000P2T
m-Green broth	yeast and mold	MHA000P2M
m-Endo broth	total coliform	MHA000P2E
m-FC broth	fecal coliform	MHA000P2F

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

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