

EZ-Pak[®] Dispenser Curve

The next generation membrane dispenser

- High-speed sterile membrane dispensing
- No-touch operation
- One-handed membrane transfer



The next generation membrane dispenser: fast, robust, no-touch dispensing

Robustness

Components selected for durability and high-throughput dispensing.

Easy membrane loading

New design with cover allows you to load a cartridge in less than 30 seconds. Membrane is **consistently well-positioned** for easy transfer with forceps.

Easy decontamination

The smooth **shape** facilitates cleaning. The plastic material is compatible with a large range of disinfection agents.

Easy handling

Lightweight and **portable**. It can be easily moved between lab benches.

Industrial infrared sensor

No need to press a lever, the durable motor will dispense one membrane in less than **one second**.

No touch detection

Move your hand toward the sensor – no touch necessary – and a membrane is unwrapped, dispensed and automatically positioned for transfer with forceps. Software controls prevent the accidental dispensing of multiple membranes.

Cableless

The dispenser can work with or without connection to a power outlet. When the **Lithium ion battery** is fully charged more than 10,000 membranes can be dispensed. After 10 minutes idle time, a standby mode is activated to save energy.



EZ-Pak[®] Dispenser Curve: fast and easy membrane loading



1 Open cover and insert the cartridge



2 Pull the roll out until the first membrane is visible, then close the cover



3 Attach upper and lower packaging layers to the spools



4 Switch on, and the first membrane is dispensed when the sensor is activated

EZ-Pak® Membranes for use with EZ-Pak® Dispenser Curve

High throughput

Each cartridge contains 150 membranes. Less frequent reloading saves time.

Visible traceability

The membrane catalog number, lot number, pore size and sequential number (from 150 to 1) are printed on the protective film of every membrane cell.



Wide variety of membranes covering many applications

- From 0,2 µm to 0,8 µm pore size
- Diameters of 47 mm and 50 mm
- White, black and green

Detailed Certificate of Quality

Pore size, flow rate, extractables, retention, recovery and sterility are tested and listed on the Certificate Of Quality.

Meets regulatory guidelines including:

United States

- Standard Methods for the Examination of Water and Wastewater 20 Edition, 1998

Europe

- EEC Directive 96/70/EC, 28 October 1996, amending Directive 80/777/EEC relating to the exploitation and marketing of natural mineral waters
- EEC Directive 98/83/EC, 3 November, 1998, relating to the quality of water intended for human consumption E DIN EN 12780: 2002 – Water quality – Detection and enumeration of *Pseudomonas aeruginosa* by membrane filtration

Worldwide

- WHO Guidelines for Drinking Water Quality, 1993 ISO® Regulations
- ISO® 11731-2:2004: Water quality – Detection and enumeration of *Legionella* – Part 2: Direct membrane filtration method for waters with low bacterial counts
- ISO® 8199:2005: Water Quality – Water quality – General guidance on the enumeration of microorganisms by culture
- ISO® 7899-2:2000: Water Quality – Detection and enumeration of intestinal enterococci – Part 2: Membrane filtration method
- ISO® 9308-2:1990: Water Quality – Detection and enumeration of coliform organisms, thermotolerant coliform organisms and presumptive *Escherichia coli* – Part 2: Multiple tube (most probable number) method
- ISO® 6340:1995: Water Quality – Detection of *Salmonella* species
- ISO® 6461-2:1986: Water Quality; detection and enumeration of the spores of sulfite-reducing anaerobes (*Clostridia*); Part 2: Method by membrane filtration
- ISO® 7704:1985: Water Quality – Evolution of membrane filters used for microbiological analyses

Filtration made simple

For the ultimate in convenience and efficiency, combine the EZ-Pak® system with the Microfil® Filtration System. The Microfil® System includes

ready-to-use, sterile filtration funnels and a unique filtration support to facilitate sample processing. No preparation steps are required.

All you need to do is ...



1 Move your hand over the sensor



2 Take the sterile membrane with your forceps



3 Place the membrane on the EZ-Fit™ Manifold



4 Easily remove the membrane after filtration

▶ **Green membranes**

Applications:

Bacteria in bottled water, beer

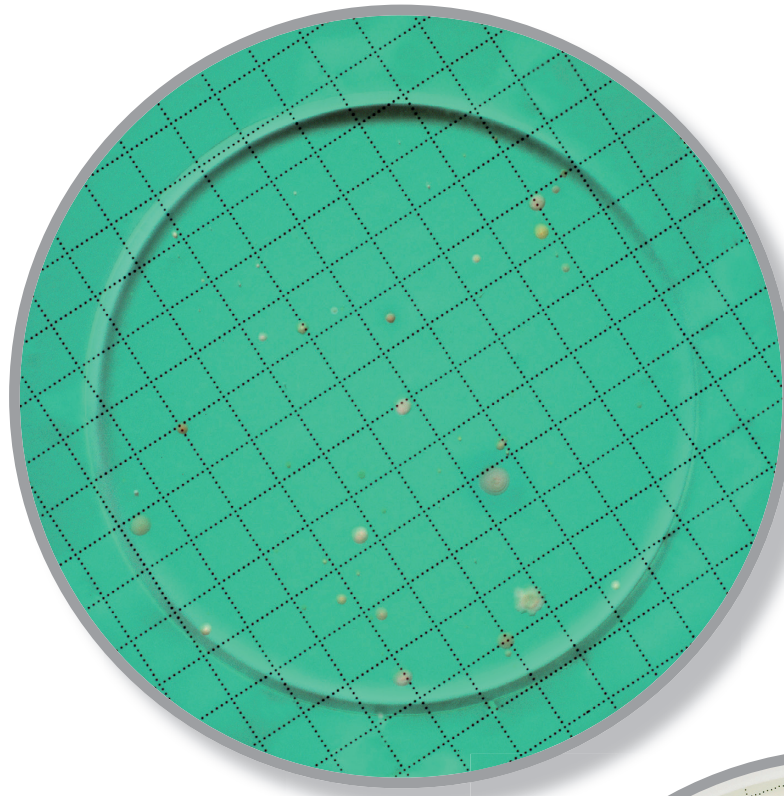
Examination of:

Clear, translucent colonies

Diameter:

47 mm Diameter

50 mm Diameter



White membranes

Applications:

General purpose

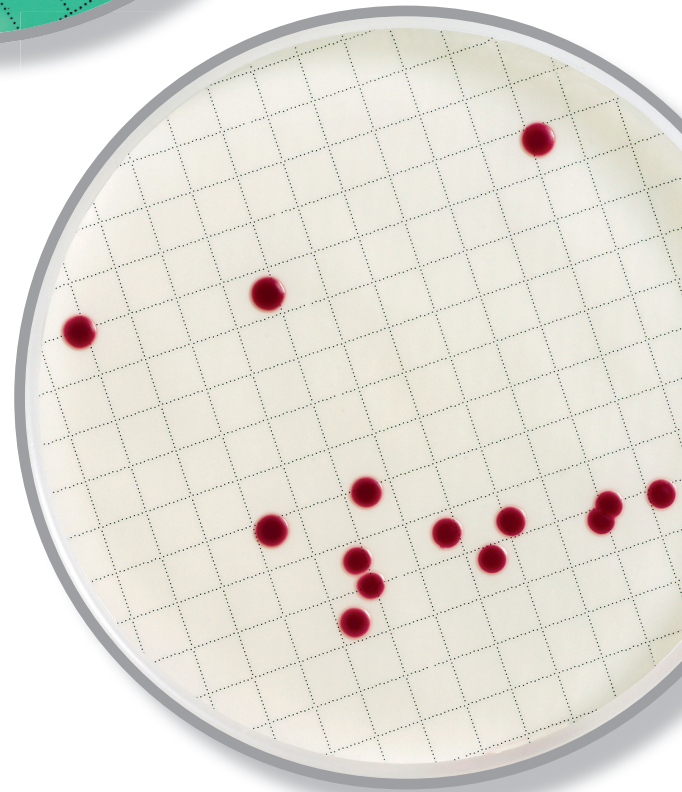
Examination of:

All microorganisms

Diameter:

47 mm Diameter

50 mm Diameter



▶ **Black membranes**

Applications:

Analysis of yeast and mold and Legionella sp.

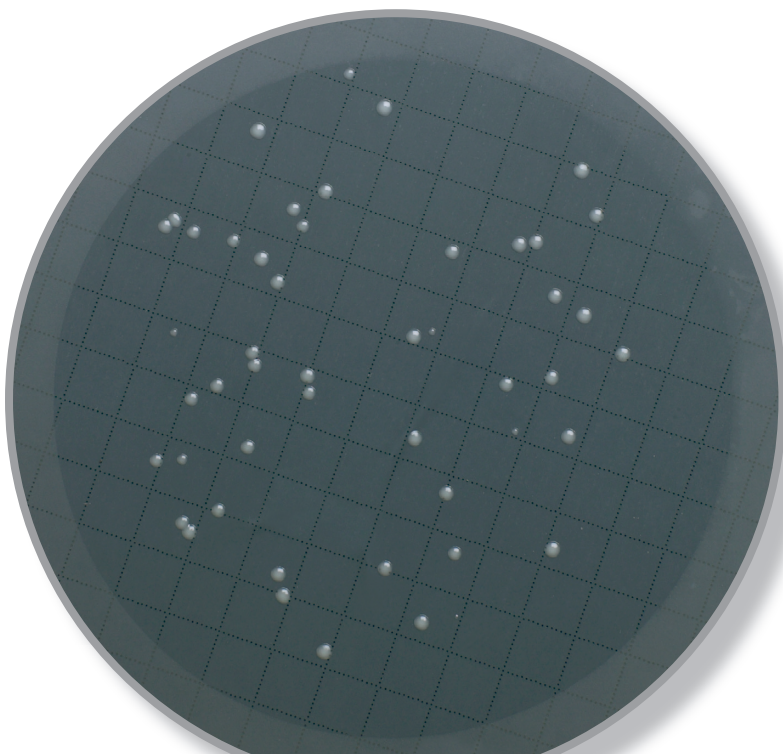
Examination of:

White, beige colonies

Diameter:

47 mm Diameter

50 mm Diameter



There is an EZ-Pak® Membrane
for every application

Technical specifications

EZ-Pak® Dispenser Curve Specifications

Housing material	Glass Bead Reinforced Polyamide 6
Roller material	PolyOxyMethylene (POM)
Dimensions (W*L*H) in cm	18 x 31 x 16.5
Weight	2.15 kg
Battery	14.8 V Rechargeable Lithium-ion Battery Pack
Electrical norms compliance	2004/108/EC: Electromagnetic compatibility 2006/95/EC: Electrical security 2011/65/EC: RoHS PSE



Ordering information

Description	Qty/Pk	Catalog No.
EZ-Pak® Membrane Dispenser		
EZ-Pak® Membrane Dispenser Curve	1	EZCURVE01
EZ-Pak® Membrane Dispenser Curve (AC only), without battery	1	EZCURVEAC
Spare parts		
Lithium-ion battery	1	EZCURVBAT
External power supply (for AC powered dispenser)	1	EZCURVPOW
External power supply / charger for battery powered dispenser	1	EZCURVCHA
Spools clips	2	EZCURVCLI
Membrane exposure adjustment screwdriver	1	EZCURVSCR

EZ-Pak® Membranes, gridded				
Filter color	Pore size (µm)	Filter diameter (mm)	Qty/Pk	Catalog No.
White	0.22	47	4 bands x 150 filters	EZGS WG4 74
White	0.45	47	4 bands x 150 filters	EZHA WG4 74
White	0.45	50	4 bands x 150 filters	EZHA WG5 04
White	0.7	47	4 bands x 150 filters	EZHC WG4 74
White	0.8	47	4 bands x 150 filters	EZAA WG4 74
Green	0.45	47	4 bands x 150 filters	EZHA GG4 74
Green	0.45	50	4 bands x 150 filters	EZHA GG5 04
Black	0.45	47	4 bands x 150 filters	MSPO 008 14
Black	0.45	50	4 bands x 150 filters	EZHA BG5 04
Black	0.8	47	4 bands x 150 filters	EZAA BG4 74

EZ-Pak® Membranes and Microfil Funnels				
150 sterilized, gridded membranes with 150 sterilized funnels				
Filter color	Pore size (µm)	Filter diameter (mm)	Qty/Pk	Catalog No.
White	0.22	47	100 ml funnels	MZGS WG1 01
White	0.45	47	100 ml funnels	MZHA WG1 01
White	0.8	47	100 ml funnels	MZAA WG1 01
Black	0.45	47	100 ml funnels	MZHA BG1 01
Black	0.8	47	100 ml funnels	MZAA BG1 01
White	0.45	47	250 ml funnels	MZHA WG2 51
White	0.8	47	250 ml funnels	MZAA WG2 51
Black	0.45	47	250 ml funnels	MZHA BG2 51

Related products

EZ-Stream™ Vacuum Pump for liquid transfer

EZSTREAM1

EZ-Fit™ Manifold 3-place for Microfil®

EZFITMIC03

EZ-Fit™ Manifold 1-place for Microfil®

EZFITMIC01



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