Millipore®
Preparation, Separation,
Filtration & Monitoring Products

Data Sheet

EZ-Pak® Dispenser Curve

The next generation membrane dispenser

Benefits

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

The life science business of Merck operates as MilliporeSigma in the U.S. and Canada.

MERCK

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

Step 1

Open cover and insert the cartridge.

Step 2

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

Step 3

Attach upper and lower packaging layers to the spools.

Step 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
- 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 22 edition, 2012

Europe

- EEC Directive 2009/54/EC of the European Parliament and of the council of 18th June 2009
- EEC Directive 98/83/EC, 3 November 1998, relating to the quality of water intended for human consumption and the amended version 2015/1787/EC.

Worldwide

WHO Guidelines for Drinking Water Quality, 2017

ISO® Regulations

ISO® 8199:2005: Water Quality

Water quality – General guidance on the numeration of microorganisms by culture

ISO® 7899-2:2000: Water Quality

Detection and enumeration of intestinal Enterococci – Part 2: Membrane filtration method

ISO® 9308-1: 2014: Water Quality

Enumeration of *Escherichia coli* and coliform bacteria - Part 1: Membrane filtration method for waters with low bacterial background flora

ISO® 19250: 2010: Water Quality

Detection of *Salmonella spp*.

ISO® 6461-2:1986: Water Quality

Detection and enumeration of the spores of sulfite-reducing anaerobes (Clostridia); Part 2: Method by membrane filtration

ISO® Regulations (continued)

ISO® 7704:1985: Water Quality

Evaluation of membrane filters used for microbiological analyses

ISO® 16266: 2006: Water Quality

Detection and enumeration of *Pseudomonas aeruginosa* by membrane filtration

ISO® 14189: 2013: Water Quality

Enumeration of *Clostridium Perfringens* – Method using membrane filtration

ISO® 17995 : 2005 Water Quality

Detection and enumeration of thermotolerant *Campylobacter* species

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 ...

Step 1

Move your hand over the sensor.

Step 2

Take the sterile membrane with your forceps.

Step 3

Place the membrane on the EZ-Fit® Manifold.

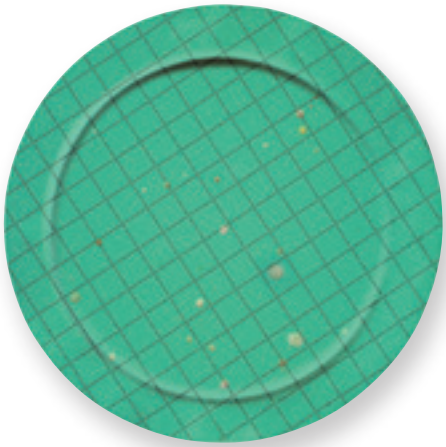
Step 4

Easily remove the membrane after filtration.

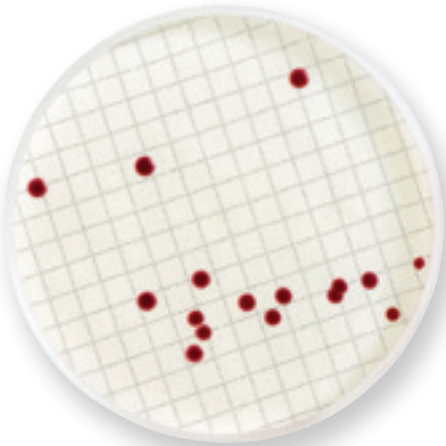
There is an EZ-Pak® Membrane for every application

	Applications	Examination of	Diameter
Green membranes	Bacteria in bottled water, beer	Clear, translucent colonies	47 mm Diameter
White membranes	General purpose	All microorganisms	47 mm Diameter
Black membranes	Analysis of yeast and mold and Legionella sp.	White, beige colonies	47 mm Diameter

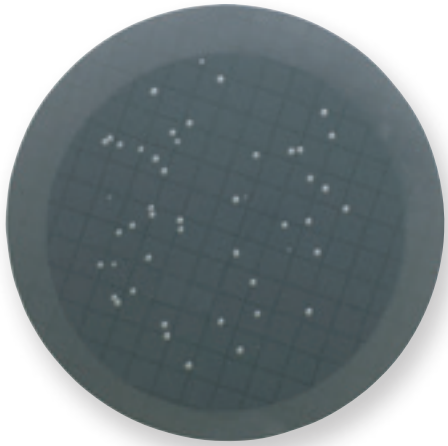
Green membranes



White membranes



Black membranes



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	• 2014/30/EU relating to Electromagnetic compatibility • 2014/35/EU relating to electrical equipment designed for use within certain voltage limits • 2011/65/UE EU Restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS) • PSE
	Standards to which conformity is declared as applicable are the following: • IEC61326-1 (Ed. 2) Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 1: general requirements • EN 50364: 2010 Limitation of Human Exposure to Electromagnetic Fields from Devices Operating in the Frequency Range 0 Hz–10 GHz • IEC 61010-1 (Ed. 3) Safety requirements for electrical equipment for measurement, control and laboratory use.

Ordering Information

Description	Qty/Pk	Cat. No.
EZ-Pak® Membrane Dispenser		
EZ-Pak® Membrane Dispenser Curve	1	**EZCURVE01**

EZ-Pak® Membranes, gridded				
Filter color	**Pore size (µm)**	**Filter diameter (mm)**	**Qty/Pk**	**Cat. No.**
White	0.22	47	4 bands x 150 filters	**EZGSWG474**
White	0.45	47	4 bands x 150 filters	**EZHAWG474**
White	0.7	47	4 bands x 150 filters	**EZHCWG474**
White	0.8	47	4 bands x 150 filters	**EZAAWG474**
Green	0.45	47	4 bands x 150 filters	**EZHAGG474**
Black	0.45	47	4 bands x 150 filters	**MSPO00814**
Black	0.8	47	4 bands x 150 filters	**EZAABG474**

EZ-Pak® Membranes and Microfil® Funnels 150 sterilized, gridded membranes with 150 sterilized funnels				
Filter color	**Pore size (µm)**	**Filter diameter (mm)**	**Funnel size**	**Cat. No.**
White	0.22	47	100 mL funnels	**MZGSWG101**
White	0.45	47	100 mL funnels	**MZHAWG101**
White	0.8	47	100 mL funnels	**MZAAWG101**
Black	0.45	47	100 mL funnels	**MZHABG101**
Black	0.8	47	100 mL funnels	**MZAABG101**
White	0.45	47	250 mL funnels	**MZHAWG251**
White	0.8	47	250 mL funnels	**MZAAWG251**
Black	0.45	47	250 mL funnels	**MZHABG251**

Related products	Cat. No.
EZ-Stream® Vacuum Pump for liquid transfer	**EZSTREAM1**
EZ-Fit® Manifold 3-place for Microfil®	**EZFITMIC03**
EZ-Fit® Manifold 1-place for Microfil®	**EZFITMIC01**

To Place an Order or Receive Technical Assistance

Find contact information for your country at
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