Milli-Q®
Lab Water Solutions

Data Sheet

Milli-DI® System

An ideal solution for standard laboratory needs, providing deionized water directly from your tap water

Key Benefits

- Compact and easy to use
- Battery-powered with no need for electric outlet
- Easy maintenance due to purification pack design
- Easy control of the water quality
- Low investment
- Simple installation

The Milli-DI® system instantly provides pure water directly from your water supply. The system is especially suitable for standard chemical applications, for the production of buffers and reagents, as well as microbiological culture media. It can also be used as good pretreatment for the Simplicity® systems. The Milli-DI® system meets the daily needs of users requiring low volumes of purified water, from 3 to 5 liters per day.





Dispense deionized water easily by simply turning the dispensing valve.

As long as the green LED is on, the water quality is above 1 MΩ.cm at 25 °C. When the LED is red, it's time to change the purification pack (DI-PAK®).

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Easy maintenance

Our DI-PAK® purification pack is designed to be changed in a matter of seconds with no risk of leakage. The medium sized DI-PAK® purification pack allows the purification of about 300 liters of water (feedwater conductivity = 400 µS/cm and dissolved CO_2 = 0 ppm)

The LED display warns you when pack exchange is needed.

Simple installation

The system design allows easy installation in any laboratory. The wall-mounted system is simply connected to the water supply.

Installing your Milli-DI® system will only take you a few minutes:

- Connect the adapter to the tubing, and then to the water supply
- Connect your system to the tubing
- No electric outlet needed (battery-powered)

Note: Tubing, fitting, 9-volt battery and tape are accessories provided with your Milli-DI® system.

Specifications

Product water quality

- Resistivity: > 1 MΩ.cm at 25 °C
- Flow rate: 0.5 L/min to 0.7 L/min

Feedwater requirements

- 14 psi < Feedwater pressure < 70 psi
- Potable tap water

For bacteria-free water

Simply add a 0.22 µm Millipak® filter at the point of use.

Accurate control of water quality

The resistivity cell has been specifically designed to display a cell constant of 0.14 cm^{-1} suitable for the measurement of 1 MΩ.cm water quality. In addition, the resistivity meter is temperature-compensated which enables you to use the same temperature reference (25 °C) to check the water quality each day.

Dimensions

Height: 430 mm (16.9 in.)
Width: 270 mm (10.6 in.)
Depth: 170 mm (6.7 in.)
Operating weight: 5.6 kg (12 lbs.)

Ordering information

Description	Cat. No.
Milli-DI® System	**ZFDI00001**
DI-PAK® Purification Pack (Medium size: 2.3 L)	**CPDI0NJM1**
DI-PAK® Purification Pack (Large size: 3.2 L)	**CPDI000L1**
0.22 µm Millipak® 40 Final Filter	**MPGL04GK2**
Milli-DI® 0.2 µm Filter Adapter	**MDI02ADAP**



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To place an order or receive technical assistance

In the U.S. and Canada, call toll-free 1-800-645-5476
For other countries across Europe and the world, please visit: **EMDMillipore.com/offices**
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