

# DPM5

Digital Pressure Meter

Quick Guide

## About the DPM5

The DPM5 Digital Pressure Meter is designed to measure the positive and negative pressures of medical devices in either liquid or gaseous form to assist in repair and quality control.



### Pressure meter

Measures positive and negative pressures in dry noncorrosive gases and water on port 1 and 2.



### Pressure source

Provides controlled pressure sourcing for functional testing on port 1.



### Leak test

Determines system leak rates to ensure integrity on port 1.



### Pressure relief test

Verifies the pressure threshold for a relief valve on port 1.



### Occlusion test

Verifies the pressure threshold for an occlusion alarm in an infusion pump on port 2.



### Ambient pressure

Displays the current atmospheric pressure, using an internal barometer.



## Product overview

1. Port 1, male luer lock. Only for dry noncorrosive gases.
2. Port 2, miniature quick-connect plug. For noncorrosive gases and water.
3. USB-C, for charging. Only use the provided charger.
4. On/off power button. Press and hold for 2-3 seconds to turn on or off.
5. Touch screen

## Safety information

Read the safety information and all instructions before you use the DPM5 (the product).

A **Warning** identifies hazardous conditions and actions that could cause bodily harm or death.

A **Caution** identifies conditions and actions that could harm the product, the equipment under test, or cause permanent loss of data.

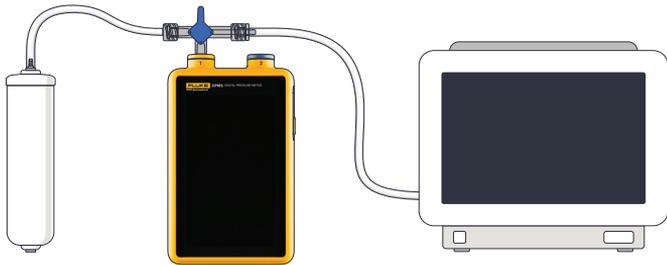
### Warning

To prevent possible electrical shock, fire, or personal injury:

- Carefully read all safety information before you use the product.
- To prevent electrical shock, fire, or other personal injury, use the product only as specified.
- Do not alter the product and use only as specified.
- Do not use the product if it is damaged.
- Do not use the product if it operates incorrectly.
- Use this product indoors only.
- Do not use the product around explosive gas, vapor, or in damp or wet environments.
- Do not put the product near heat or fire. Do not leave the product in direct sunlight.
- Use only the external power supply included with the product.
- Do not connect the product to a patient or equipment connected to a patient. The product is intended for equipment evaluation only and should never be used in diagnostics, treatment, or any other

capacity where the product would come in contact with a patient.

- Make sure accessories and fittings are securely connected before use.
- Have an approved technician service and/or repair the product.



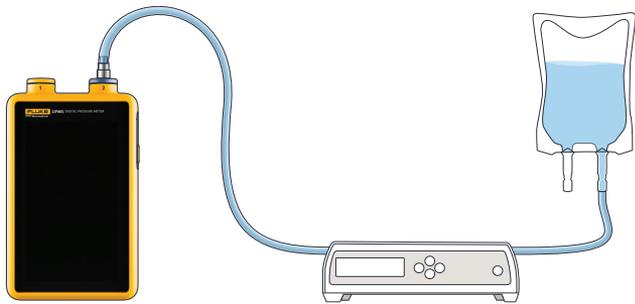
Example setup for tests verifying the functionality of a patient monitor.

## Intended use

The DPM5 is intended to be used to test and verify the basic operation of pneumatic tourniquets, noninvasive blood pressure monitors, sphygmomanometers, ventilators, respirators, compressor pumps, suction equipment, and dialysis machines, including measurement and generation of static pressures for cuffs, compressors, etc., measuring vacuum pressure for suction and extraction equipment, testing occlusion and pressure relief valves.

The intended user is a trained biomedical equipment technician who performs periodic preventative maintenance checks on medical devices in service. Users can be associated with hospitals, clinics, original equipment manufacturers and independent service companies that repair and service medical equipment.

This product is intended to be used in the laboratory environment, outside of the patient care area, and is not intended for use on patients, or to test devices while connected to patients. This product is not intended to be used to calibrate medical equipment. It is intended for over the counter use.



Example setup for verifying the occlusion pressure alarm of an infusion pump.

## Specifications

### General

Safety standard.....	Complies with IEC 61010-1:2010, pollution degree 2
EMC standard.....	Complies with IEC 61326-1:2013
Dimensions (w x d x h) .....	90 x 37 x 154 mm (3.5 x 1.46 x 6.1 inches)
Weight .....	400 g (0.88 pounds)
Operating temperature.....	+10 to +40 °C (+50 to +104 °F)
Operating humidity .....	10 - 90 %, non-condensing
Storage temperature .....	-20 to +50 °C (-4 to +122 °F)
Storage humidity.....	5 - 95 %, non-condensing
Atmospheric pressure.....	70 - 107 kPa, altitude up to 3000 m (10 000 ft)
Battery .....	Built-in rechargeable lithium-ion. (<3600 mAh, 3.6V)
Battery life.....	>24 h continuous use (measuring).
Charging.....	5 V DC, 2 A
Connectivity .....	USB-C for charging and PC communication
Display .....	5-inch touch screen
Data storage .....	4096 measurements

## Symbols

Symbols applicable to the product and user manual.

For a full list of applicable product symbols, please visit:  
[www.flukebiomedical.com/resource/certification-sheets](http://www.flukebiomedical.com/resource/certification-sheets).

Symbol	Description
	Warning - Consult user documentation
	Consult user documentation.
	Do not dispose of this product as unsorted municipal waste. Go to Fluke's website for recycling information.

## Want to learn more?

Visit [flukebiomedical.com](http://flukebiomedical.com) for any technical support and more information, such as user manuals, specifications and instruction videos.

