

WaterLock® 2

Perfect protection for precise gas measurement. Dräger WaterLock® 2 safely stops water getting into the Multi-Gas Sensor.



D-10503-2009

The membrane technology developed by Dräger for the WaterLock 2 stops any bacteria or germs getting into the gas measurement system. The WaterLock 2 is also safe and simple to empty - with a further advantage in handling and hygiene.

SAFE PROTECTION AGAINST WATER AND BACTERIA

Dräger has designed its WaterLock 2 with two hydrophobic membranes instead of one. This twin membrane protection system keeps condensation out of the sampling gas and the purge gas. Even if the sample line falls into the secretion aspiration system e. g. during a change of patients, no water will get into the gas measurement system. Two self sealing filter elements enhance safety: they will get blue if occluded.

SAFE AND SIMPLE HANDLING

All you have to do to empty the WaterLock 2 is simply remove it from holder, stick a syringe in the connector and suck out the water. Twin membranes and the use of specially developed membrane material effectively prevent any bacteria or germs intruding into the gas measurement system.

SAFE AND STABLE: HOW THE WATERLOCK® 2 WORKS

The key components of the WaterLock 2 are two filters made of a hydrophobic microporous PTFE membrane. This membrane with a pore size of a mere 0.2 µm is impermeable for condensed water, bacteria and germs. However, the gas to be measured can pass through the membrane with only a slight loss of pressure. The gas to be measured is sucked in by a pump.

One filter removes any water before the gas passes on to the IR's optical sensor. A second gas flow sucked in via the water tank and a second filter is used to remove the water from the first filter. This prevents the water trap from clogging up under worst-case conditions. The highly sophisticated geometry of the filter housing has been optimized to ensure a fast response and extremely effective drainage. As a result, the Dräger WaterLock 2 maintains a perfect capnogram even under extreme conditions, e.g. minimal-flow anesthesia.



D-12331-2009

WaterLock® 2



D-11930-2009

WaterLock® 2, set of 12 pieces



D-11942-2009

WaterLock® 2 Adapter (right) for former water trap holder (left)



Set adapter

Screw adapter

Insert new WaterLock® 2

Connect sample line

COST-SAVING

The Dräger WaterLock 2 has a guaranteed operating life of four weeks. During this time it can be emptied and reused as often as necessary. Replacement water traps are available in sets of 12 pcs. - a year's supply for your anesthesia workstation.

Our service: you can easily update your anesthesia workstations for the new WaterLock 2 (see pictures above).

ORDER LIST

	Order no.
WaterLock 2, 12 pcs.	6872130
Infinity ID WaterLock 2, 12 pcs.	6872020
WaterLock 2 Adapter (for former water trap holder), 6 pcs.	6872128

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The quality management system at Dräger Medical GmbH is certified according to ISO 13485, ISO 9001 and Annex II.3 of Directive 93/42/EEC (Medical devices).