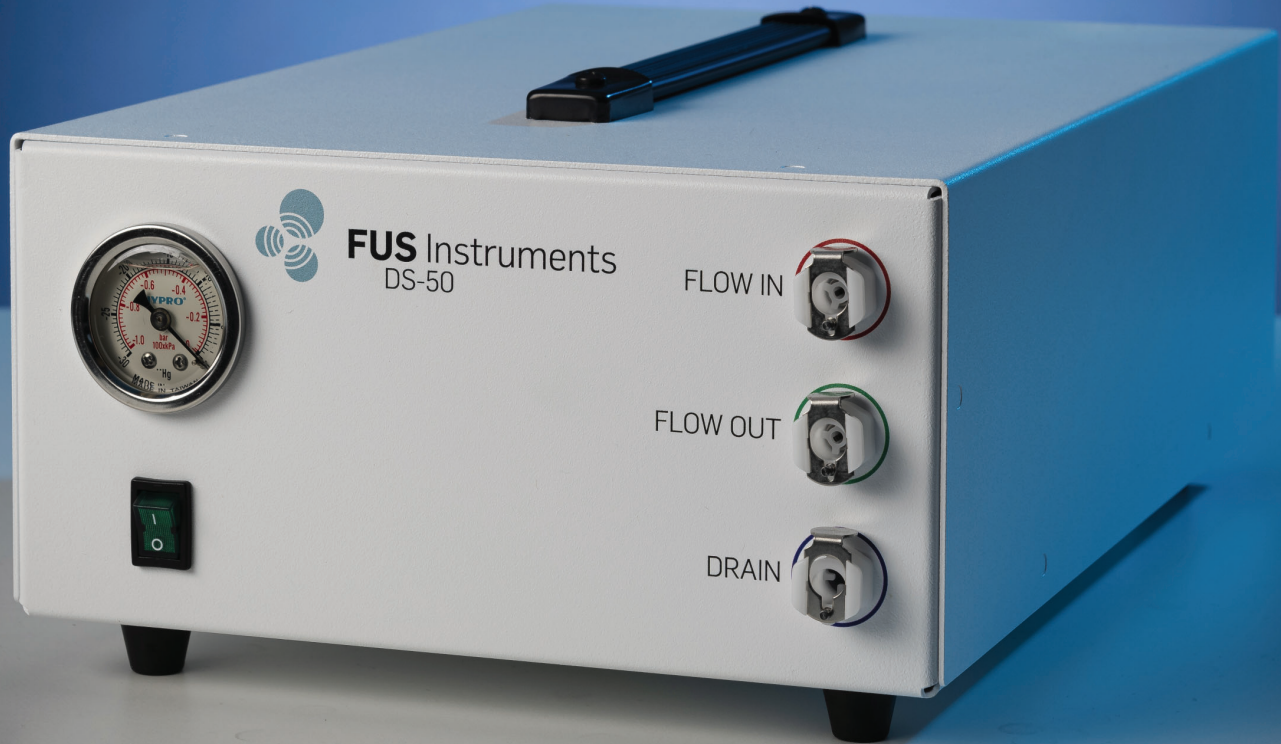


# DS-50



## A VERSATILE AND RELIABLE PORTABLE WATER DEGASSER

The DS-50 is a portable device that produces on-demand degassed water suitable for ultrasound studies or any other laboratory applications required low levels of dissolved gases in water. The DS-50 makes the process of degassing water for ultrasound and laboratory studies simple and repeatable. The use of high-quality internal components ensures reliable performance for years.

### KEY FEATURES

**Portable:** The compact size makes the DS-50 easy to transport and takes up minimal bench space.

**High Performance:** The DS-50 achieves a dissolved oxygen levels below 2 mg/L.

**Dual-Mode:** An internal pump enables transfer of degassed water into a container from a reservoir, or continuous recirculation in a tank.

**Spill protection:** An internal pressure-relief valve and drain line avoids internal leaks in the event of improper connections or tube blockage.

**On-line monitoring:** Vacuum levels are displayed on a panel-mounted gauge to confirm proper operation.

### EXTENDED WARRANTY

FUS Instruments offers an annual degasser maintenance program for the DS-50. The unit is shipped to FUS Instruments for installation and calibration of a new degassing membrane, and any other necessary components. The program offers 12 months of comprehensive coverage, guaranteeing continuous protection of your unit against any manufacturing defects.

### SPECIFICATIONS

Mechanical	
Flow Rate	500 mL/min
Vacuum Level	-26 inHg (100 Torr)
Dissolved Oxygen Removal	
Direct Mode	<2 mg/L at output port
Recirculating Mode (1L tank)	<3 mg/L (3 minutes) <2 mg/L (10 minutes)
General Specifications	
Power Supply	24V DC, 2.7A (incl)
Electrical input	100-240VAC
Dimensions (WxHxL)	9 x 4.5 x 15 inches 23 x 11.4 x 38 cm
Weight	11 lbs (5 kg)

### ACCESSORIES

An accessory to complement the DS-50 is the FUS-DOS dissolved oxygen sensor. Using an optical probe and a battery-powered meter, instant readings of the dissolved oxygen levels of water can be obtained to ensure consistent levels throughout measurements.



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TO LEARN MORE



**FUS Instruments**  
Non-Invasive Ultrasound Delivery