MEREL
instruments

Merel dissoDG® is an automated media degassing system designed for pharmaceutical dissolution testing. Operating in compliance with the stringent USP degassing procedure, dissoDG ensures the precise removal of dissolved gases from the test solution or medium.

dissoDG®
Automated media degassing system

Key features

Advanced degassing:
using the USP degassing procedure, dissoDG adeptly eliminates dissolved oxygen and air components, guaranteeing a level below the industry limit of 6.72 ppm at 37°C.

Efficient operation: With a basic setup of 1x9L media container, dissoDG can handle 6L or 8L media preparation, allowing for versatile usability in various testing scenarios.

Rapid deggasing:
Capable of degassing 8L of media within a swift 20 minute cycle, dissoDG ensures a quick turnover for uninterrupted testing workflows.

User-friendly controls: The system is operated through easy-to-use push buttons, eliminating the need for external controls and simplifying the degassing process significantly.

Application in pharmaceutical dissolution testing

Dissolution media degassing is indispensable in pharmaceutical dissolution testing, **ensuring the accuracy and reproducibility of results.** Merel dissoDG not only meets but exceeds industry standards, enabling pharmaceutical professionals to **conduct dissolution tests with utmost precision and reliability**.

It can be used as a standalone desktop unit or integrated seamlessly into the Merel dissoBOT® automated dissolution testing system as well as into any compatible advanced automated media preparation system.

Specifications

Functions:	Automated Media Degassing System, using USP degassing procedure
Basic Setup:	1x9L media container, suitable for 6L or 8L media preparation (selectable)
Capacity:	8L of media is degassed in 20min
Controls:	push buttons operated, none external controls necessary
Dimensions:	300x450x420mm (WxDxH)
Weight:	approx. 20kg
Required supply:	100 V - 240 V AC (+/-10 %), 50/60 Hz, 16A
Max. Power Consumption:	2kW