

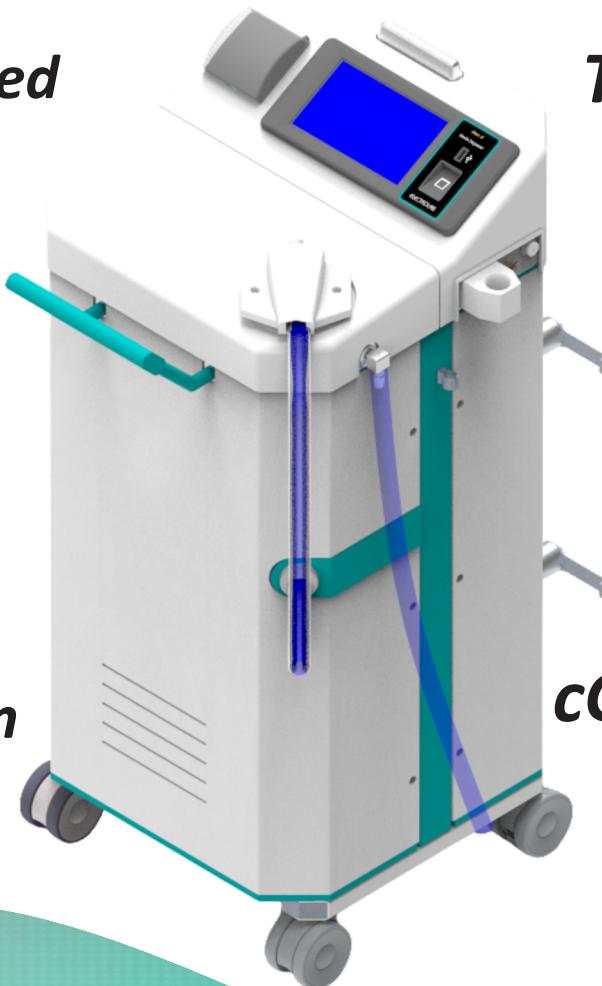
Media Degasser

***With Integrated
Do Probe***

***Turbo Accurate
Dispense***

Robust Design

***cGmp Compliant
Body***



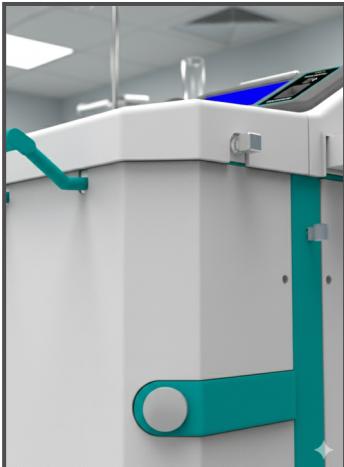
DeAer Turbo



Ultra-Fast Degassing & Dispensing — Boost Throughput Across the Lab	
Feature	Benefit
Turbo Degassing Engine	Rapid Degassing Cycles— prepares media faster, even during peak workload
Optimized Flow Path	Quick & Smooth Dispensing— fills vessels efficiently with minimal bubbles
Adaptive Degassing Algorithm	High Accuracy Every Time— adjusts automatically for consistent degassing results.
SLS Media Support	Zero-Foam Performance degasses Sodium Lauryl Sulphate media without interruptions.

Mobile Floor-Standing Design — Use It Wherever You Need

Feature	Benefit
30-Meter Power Cable	Large Lab Coverage— easily reaches dissolution testers across multiple rooms/zones.
Heavy-Duty Wheels	Effortless Mobility— move the unit smoothly across the lab as required.
Wheel Locking Brakes	Stable Operation — secure the unit firmly near dissolution apparatus during dispensing.
Floor-Standing Layout	No Table Needed— designed to be positioned directly near dissolution baths or media storage zones.

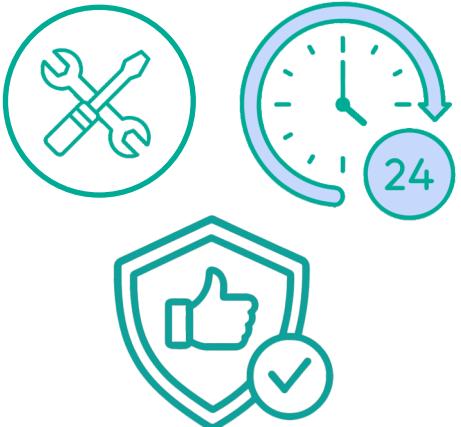


Corrosion-Free Construction — Made for Wet, High-Usage Labs

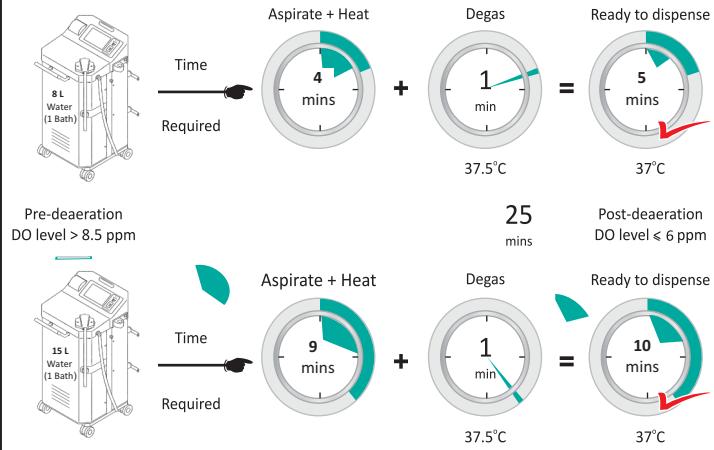
Feature	Benefit
ABS Engineering Plastic Body	100% Rust-Proof — ideal for humid and high-moisture dissolution rooms.
Stain-Resistant Surfaces	Easy To Maintain — keeps looking clean even with frequent handling.
Chemical-Tolerant Internals	Resists Media & Buffers — long-lasting performance with acids, surfactants, and routine lab spills.

Rugged & Reliable — Built for Continuous Daily Operation

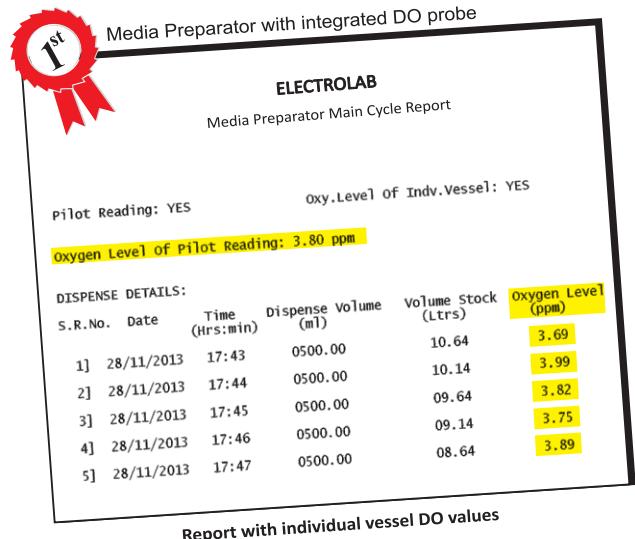
Feature	Benefit
Reinforced Pump Assembly	High-Duty Operation— withstands long hours without performance degradation.
Life-Cycle Validated	Proven Durability — tested across extended operational cycles for reliability.
Vibration-Free Framework	Consistent Dispensing Accuracy — stable and quiet during operation near sensitive instruments.



Single batch deaeration reduces process time and ensures inter-vessel consistency in DO level



*Data on file (DO: Dissolved Oxygen)



USP 35 states “Dissolved gases can cause bubbles to form, which may change the results of the test.”

- Inter & Intra Laboratory



Effective deaeration reduces variability in results by:

52.3 % of mean percent dissolved
11.8 % of standard deviation

Ref : Eaton J et al. Perturbation Study of Dissolution Apparatus Variables - A Design of Experiment Approach. Dissolution Technologies; 14(2):20-26.

≤ 6 ppm is recommended dissolved oxygen level for USP Prednisone Tablets RS (Ref : USP Dissolution Toolkit version 2.0)

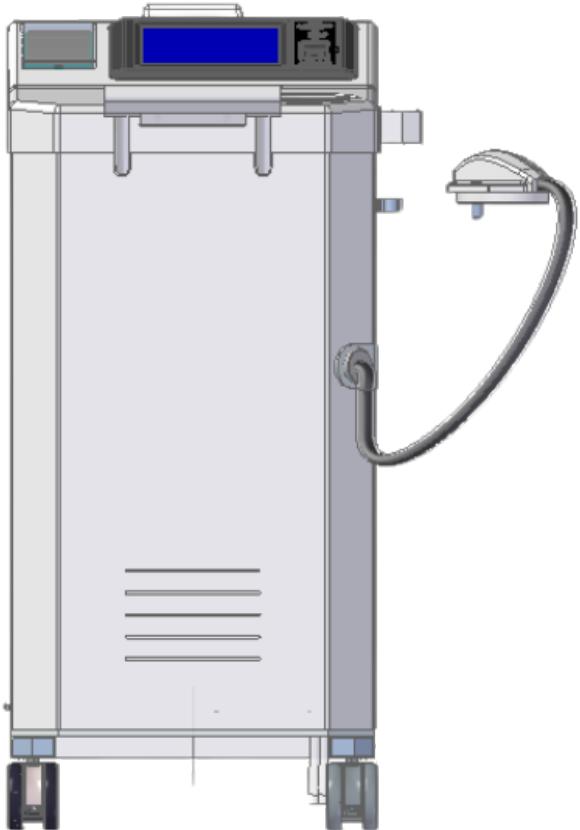
Features of Optical DO probe

- Compliance with ASTM International Method D 888 – 05
- Quick response optical sensor technology
- No membrane: Cost-effective optical sensor technology allows maintenance - free operation
- No electrolyte, no drift
- No O₂ consumption: Precise in low O₂ concentration
- No cross sensitivity with pH 1-14, CO₂, H₂S, SO₂
- Real time temperature compensation
- Provides reliable and reproducible results
- Rugged and robust stainless steel construction



DO Probe

Specifications



Model	DeAer Turbo
Aspiration :	
Media volume	2 L to 15 L
Accuracy	± 1 %
Flow rate (during run cycle)	1000ml/ 12sec
Dispense :	
Dispense volume	50 ml to 2L
Accuracy	± 1 %
Flow rate (during run cycle)	1000ml/ 12sec
Temperature :	
Temperature range	20°C to 50°C
Temperature accuracy	0.5°C
Other specifications :	
Degassing level (measured by DO meter)	≤ 6 ppm of DO*
Media tank	Stainless Steel
Vacuum	Automatic Adjustable
Pump	High performance piston pump
Pump Accuracy	± 1 %
Electrical power	230 VAC/50 Hz ± 10 % 110 VAC/50 Hz ± 10 %

* Dependent on media type and conditions

Available Model

DeAer Turbo

Basic Media Degasser Machine

DeAer Turbo P

Basic Media Degasser Machine + With Embedded Printer

DeAer Turbo PDO

Basic Media Degasser Machine + With Embedded Printer + With Online Dissolved Oxygen Probe (DO)

Our Products

- Complete range of Dissolution Testers
- Disintegration Testers
- Friability Testers
- Tablet Hardness Testers
- Electromagnetic Sieve Shakers
- Tap Density Tester
- Bulk Density Tester
- Powder Flow Tester
- Leak Tester
- Peristaltic Pumps



The information contained in this document is believed to be correct but ELECTROLAB accepts no liability for any errors and reserves the right to alter specifications without notice
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