



AtmoDissolved Fiber Dissolution Analyzer

The AtmoDissolved Fiber Dissolution Analyzer combines multiple advanced features through its patented filter bag batch-processing system and intelligent automatic control and user-friendly human-machine interface, also specialized corrosion-resistant materials. The instrument operates as a complete system for chemical dissolution experiments through automated process control.

The instrument performs all steps of the analysis process including reagent dispensing , sample wetting, temperature control, visual monitoring, waste classification, cleaning and dehydration operations which decrease quantitative analysis work by more than 90%.

AtmoDissolved

Fiber Dissolution Analyzer



- Automated Dissolution of Fiber**
 The system operates as a single automated process which performs all steps from reagent addition to waste liquid disposal without human involvement.
- High Efficiency – 50 Samples per Run**
 It enables the dissolution of 50 samples during one run which leads to faster analysis times and higher laboratory productivity.
- Accuracy & Consistency Guaranteed**
 The system delivers precise results which match traditional methods while maintaining consistent outcomes to reduce human mistakes and ensure reliable data.
- Patented Batch Filter Technology**
 The patented Batch Filter Bag Technology provides standardized dissolution and cleaning operations which result in exact and clean and reproducible testing results.
- Safe & Durable Design**
 The sealed system combined with corrosion-resistant materials provides both experimental safety and extended equipment operational life.



Power
220V 50/60Hz



Weight
70kg



Dimension
650*560*400 mm(W*D*H)

Specification

Model	FQLB-RJ1800 (Second-generation)	Effective Capacity	3000ml
Motor speed	0-800r/min	Batch Quantity	≤50sub samples
Repeatability precision	≤1%	Safety	Closed-loop operation, hands-off work
Liquid dispensing Precision	± 0.5ml	Consumables	quantitative filter bag
Environmental Requirements	Normal temperature and humidity	Temperature adjustable range	Room temperature to 95°C Temperature control accuracy: ±0.1°C

Work Mode	Customizable test program settings with fully automated operation and real-time visualization of the testing process
Features	The dedicated quantitative filter bag is designed for the entire process of sample dissolution, filtration, cleaning, and dehydration. This fully automated workflow eliminates repetitive manual tasks such as liquid addition, suction filtration, and cleaning, ensuring both operational safety and high efficiency.
Standards	ISO 1833 JIS L1030-2 AATCC 20A (EU) 1007/2011 GB/T 2910 FZ/T 01026-2017 FZ/T 01095-2002