

Air Fuel Cell Test Equipment Electrolyte Circulation Pump

Item Number: BE01



Introduction

Air fuel cell test equipment electrolyte circulation pump for reliable liquid management sealed acid alkali resistant operation four flow settings and 300-600 mL/min circulation helps reduce anode passivation and polarization during fuel cell research and testing with convenient connections

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Application	Description	Key Benefit
Air Fuel Cell Performance Testing	Circulates electrolyte during controlled air fuel cell experiments and supports the liquid-management portion of the test setup.	Helps maintain repeatable electrolyte movement across test runs.
Anode Reaction Research	Supports experiments focused on anode behavior by circulating electrolyte through the reaction system.	Helps reduce anode passivation during operation.
Polarization Evaluation	Provides electrolyte circulation during studies of reaction polarization and operating response.	Helps reduce polarization and improve control of test conditions.
Electrolyte Compatibility Studies	Uses acid- and alkali-resistant materials for testing workflows involving different electrolyte environments.	Supports broader electrolyte application compatibility.
Fuel Cell Component Screening	Adds controlled circulation to laboratory screening of air fuel cell components and reaction configurations.	Provides a practical, adjustable circulation condition for comparative testing.
Academic Electrochemical Research	Integrates with laboratory air fuel cell research conducted by universities and materials laboratories.	Offers a compact auxiliary function for repeatable experimental setups.
Modular Test System Construction	Serves as the electrolyte circulation component when researchers configure or expand an air fuel cell test arrangement.	Simplifies the separation of circulation and testing functions.

Parameter	Specification
Product Item Number	BE01
Product Type	Electrolyte circulation equipment for air fuel cell test equipment
Primary Function	Circulation of electrolyte during air fuel cell testing and research
Pump Flow Rate	300-600 mL/min
Flow Selection	Four flow levels
Design	Sealed design
Connections	Convenient connection design
Material Resistance	Resistant to acids and alkalis
Intended Integration	Air fuel cell test equipment
Included Function	Electrolyte circulation
Testing Equipment Status	The price does not include the air fuel cell testing equipment
Circulation Effect	Helps reduce anode passivation and polarization through electrolyte circulation