FCTS-M Series Fuel Cell Engine Test System



- . Gas tightness test
- . Starting performance test
- . Steady state performance test

Summary

Fuel Cell Engine Test System (FCTS-M) is designed to provide a stable test platform for fuel cell engine. With system software independently developed by Kewell, the performance, stability, and safety of fuel cell engine can be tested. A great match for Incoming Quality Control (IQC) and Outgoing Quality Control (OQC) of fuel cell engine.

Functions

- Gas tightness test
- Starting performance test

- Steady state performance test
- Steady state indicators test
- Aging test
- Insulation test
- Starting characteristic test (hot/cold conditions)
- Rated power test
- Peak power test
- Other customized test items

Advantages

- Complete safety control & monitoring:
- Hydrogen concentration detector; Insulation impedance detection; Safety relief valve; Safe PLC
- Three-level protection
- Selected components
- Debugging mode fit for R&D testing; Work step import triggers quick testing
- Versatile test curves; Automatic data saving
- Compatible with international standards; Flexible setting of protection parameters
- Dual operation mode: Manual/Auto; Self-inspection before testing



KDLF	Rated power	80kW	150kW	200kW	300kW	400kW	400kW
	Туре	Energy Recycling electronic load (Energy recovery is available in full power range.) Complete grid protection (overvoltage/undervoltage/overcurrent)					
	Current response time	≤10ms					
	Voltage range	24~800Vdc					
	Current range	0~600A	0~800A	0~1000A			
General Specifications	Control system	PLC					
	Human-computer interface	LCD					
	External communication	CAN					
	Internal communication	LAN					
	Power supply	AC 380V three-phase five-wire					
	Low-voltage power supply	±24V (standard) Other power supplies (optional)					
	Ambient temperature	0~40°C					
	Dimensions (width*depth*height) (mm)	1600*1000*1900		2200*1800*24	100 260	0*2000*2400 Go to Sett	e Wind