



## Touch-based Lead-acid Battery Test Equipment MCI 200F Series



### The best solution for the following needs

- Requiring dedicated research and testing solutions for 6/12V lead-acid batteries. (Customized solutions for 2V can be made available)
- When the lab does not have excess controllers, PCs, or relevant electronic connection equipment.

### Main Features

- PC control and panel control dual-mode operations.
- With built-in memory modules, each equipment is able to store more than 24 hours of test data without being connected to a PC.
- Intuitive touch-screen operation.
- Information displayed on the screen can be configured.
- Single-cell voltage and temperature measurement features are already built-in.
- The latest generation of communication protocols is applied; compatible with the latest PC models.
- Meets multiple international testing standards.
- Solutions can be customized for meeting the 2V battery testing requirements.

### Others

- Independent control and output of each channel.
- Operating modes: constant current, constant voltage, constant power, ACIR.
- Expandable test software equipped with comprehensive features, able to achieve integrated control with externally connected chambers.

AC Power		Customized According To Client Needs	
Loading Range		Charge	Discharge
		0~20V	2~20V
Output	Constant Voltage	Maximum Voltage	20V
		Resolution	16 bit
		Accuracy	±0.02% F.S.
	Constant Current	Maximum Charge/Discharge Current	Depend on Spec*
		Resolution	16 bit
		Accuracy	±0.02% F.S.
Measurement	Voltage	Range	0~22V
		Resolution	16 bit
		Accuracy	±0.02% F.S.
	Current	Range	0~Maximum Charge/Discharge Current*1.1
		Resolution	16 bit
		Accuracy	±0.02% F.S.
	Temperature	Range	-50~150°C
		Resolution	0.1°C
		Accuracy	±1°C (-40~90°C)
Data Recording Time		1s	
Communication Interface		Ethernet/ RS-485	
Ambient	23°C±2°C; 20~90 HR		
Optional Features	ACIR Measurement, Chamber Integration		
Accessory	Chamber, Customized Fixture		

\*Accept Customized Request

Model	Voltage (V)*	Current (A)
MCI 200F 18V/25A	20	±25
MCI 200F 18V/50A	20	±50
MCI 200F 18V/1030A	20	+10/-30
MCI 200F 18V/2060A	20	+20/-60
MCI 200F 18V/40120A	20	+40/-120

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