

ADM2000A

RePower 瑞能

Multifunction High Voltage/Current Digital Multimeter



Application

The ADM2000A digital multimeter features a maximum precision of 6.5 digits, designed for high-precision, multifunctional, and automated measurement needs. It integrates high voltage, high current, and high resistance measurement capabilities. Equipped with an 8-inch capacitive touchscreen and compatible with mainstream multimeter command sets, it meets the requirements of R&D, quality verification, automated production, and education training.



ESS test and
maintenance



Research experiments
and development



Industrial production
quality control

Test Functionality



DC Voltage
Measurement



DC Current Measurement
Support flux gate measurement mode



DC Resistance Test
Support four line
measurement mode



Power Measurement
Voltage range+flux gate



Line Continuity
Measurement



Diode Test

Advantages and Features

Superior Performance



Measurement accuracy: 0.01%
Maximum resolution: 6.5 digits
Diode and continuity measurement
Power measurement.

Wide Range



DCV range: 1mV~2000V
DCI range: 1uA~2000A
DCR range: 1Ω~100MΩ
(Supports two-wire and four-wire systems)

Multifunctional Measurement and Calculation



It can complete a variety of testing tasks, reduce equipment investment costs and testing operation complexity, and improve testing efficiency and accuracy.

Automatic/Manual Selection



Features automatic and manual range selection functions to adapt to different user operating habits and measurement scenario needs.

Highly Portable Design



Equipped with a battery providing over 4 hours of continuous use, and featuring an 8-inch touchscreen. Suitable for field testing, outdoor inspection, and other environments without external power.

Excellent Compatibility



Supports SCPI instructions, can directly replace domestic and international standard DMM products, and is easy to integrate with existing testing systems.

Multiple Communication Functions



It features Ethernet, CAN, WiFi, and Bluetooth communication capabilities, supports multiple communication protocols and third-party device access, and enables synchronous data integration, comparison, and analysis.

Intelligent Control



Supports remote control via mobile app, with data uploaded to the cloud for storage and management.

Product Parameters

Input operating voltage		190V~264V								
Voltage measurement accuracy	Voltage range	200mV	2V	5V	20V	200V	1000V	2000V		
	Reading error	0.01%								
	Range error	20uV	20uV	50uV	1mV	2mV	10mV	20mV		
	Measurement settling time	1s								
Current measurement accuracy	Current range	200uA	2mA	500mA	3A	400mA Fluxgate	4A Fluxgate	1000A Fluxgate	2000A Fluxgate	
	Reading error	0.01%								
	Range error	50nA	200nA	50uA	600uA	3mA	3mA	10mA	20mA	
	Measurement settling time	1s								
Resistance measurement accuracy	Resistance range	2Ω	20Ω	200Ω	2kΩ	20kΩ	200kΩ	2MΩ	10MΩ	100MΩ
	Reading error	0.05%						1%		
	Range error	10mΩ	20mΩ	400mΩ	400mΩ	4Ω	20Ω	2kΩ	10kΩ	100kΩ
	Test current	5mA	5mA	1mA	1mA	100uA	10uA	1uA	500nA	50nA
	Measurement settling time	3s								
Current measurement of circuit continuity		1mA								
Diode setting for measuring current		1mA								
Communication methods		LAN / RS232 / CANFD								
Module dimensions (W*D*H)		273*396.4*296mm								
Weight		7.9kg								

Note: For specific models and parameters, please refer to the corresponding technical specifications.

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