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## TECHNICAL PRODUCT INFORMATION

### Test & measurement instruments

- ▶ high - quality
- ▶ moderate prices
- ▶ excellent precision

#### **Your contact:**

Technical support, services, demo & rental equipment, price information  
& quotes, consulting:

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**Model :IT51XX**  
**Battery internal-resistance**  
**Tester**

### IT5101 series battery internal-resistance tester

- Highest voltage resistance resolution up to 0.2mV, 0.0001mΩ
- Simultaneous display resistance and voltage parameters
- Set high and low limit of testing parameters, auto-judge if testing result exceed fixed specification
- Support VISA/USBTMC/SCPI communication protocol
- Built-in LAN/RS232/USB/GPIB communication interfaces
- With MX+B function, support special testing
- Support zero correction function

Model		IT5101			
Measuring Range					
Voltage	Range	-6V~+6V	-60V~+60V		-300~+300V
	Resolution	0.2 mV	2mV		10mV
	Accuracy	±(0.02%+0.02%FS)			
Resistance	Range	3mΩ	Resolution	0.0001 mΩ	
	Range	30mΩ	Resolution	0.001 mΩ	
	Range	300mΩ	Resolution	0.01 mΩ	
	Range	3Ω	Resolution	0.1 mΩ	
	Range	30Ω	Resolution	1 mΩ	
	Range	300Ω	Resolution	10 mΩ	
	Range	3000Ω	Resolution	0.1Ω	
	Accuracy	±(0.5%+0.05%FS) (5%FS above)			
Specification					
Input terminal impedance	>1MΩ				
Channel	1ch				
Height	2U				

**Note: The measuring accuracy may be affected when the working current rapidly changing.**

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**ITECH ELECTRONIC CO.,LTD**

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