

## ATS-2000C Series High Precision Current Source

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Maximum output current 3A

High precision and high stability voltage output

Continuously adjustable, accuracy up to 5½ digits.

Minimum current resolution 20pA

Four quadrant precision current source



### Introduction

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The ATS-2000C Series is a high precision current source for general-purpose . The maximum output current is 3A, the minimum current resolution is 20pA, and the output accuracy is high. The operation panel is displayed on the LCD screen, which is simple and easy to understand and operate.

### Output

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The output of the ATS-2000C series high-precision current source can be adjusted numerically, and customers can adjust it according to test needs.

### LCD panel display

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ATS-2000C series adopts LCD screen display, dynamic displaying the equipment status and parameters, and the operation interface is clear at a glance, simple and easy to understand.

### Applications

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Chip and sensor detection  
Electronic test and design validation  
Calibration of instruments and meters

Model No.	Output Current	Resolution	Accuracy Range Within 1 Year (@25°C ±5°C) , ± (% output reading + amperage)
ATS-2401C	±1.00000 μA	20 pA	0.035%+600 pA
	±10.0000 μA	200 pA	0.033%+2 nA
	±100.000 μA	2 nA	0.031%+20 nA
	±1.00000 mA	20 nA	0.034%+200 nA
	±10.0000 mA	200 nA	0.045%+2 μA
	±100.000 mA	2 μA	0.066%+20 μA
	±1.00000 A	20 μA	0.27 %+900 μA
ATS-2420C	±10.0000 μA	500 pA	0.033%+2 nA
	±100.000 μA	5 nA	0.03%+20 nA
	±1.00000 mA	50 nA	0.034%+200 nA
	±10.0000 mA	500 nA	0.045%+2 μA
	±100.000 mA	5 μA	0.066%+20 μA
	±1.00000 A	50 μA	0.067%+900 μA
	±3.00000 A	200 μA	0.059 %+2.7 mA
ATS-2100CF	±1mA	10nA	0.003%+0.05μA
	±10mA	100nA	0.005%+0.5μA
	±100mA	1μA	0.01%+5μA

