



## AIJ

**High Precision**  
**Versatile**  
**Multi-Functional**

## Main Features

**Ultra High Accuracy FS 0.05%**  
**24-bit A/D**  
**Auto-Tune PID Function**  
**RS-485 Communication**  
**°C / °F Selectable**  
**Manual/Auto Control**  
**180 Program Segments**

## Applications

- Research Laboratory
- Metrology Unit
- Ovens
- Heating Chamber

## Specification

Dimensions (W x H)

A

96 x 96mm

<i>Inputs</i>	
Thermocouple	K,S,R,T,E,J,B,N,WRe3-WRe25, WRe5-WRe26
RTD	Cu50, Pt100
Linear Voltage	-0.2~1.2V, 0~5V, 0~10V, 2~10V, 0~50V
Linear Current	0~20mA, 4~20mA
Resistance	0~9999Ω
<i>Control Outputs</i>	
Relay	2A / 250V
SSR Drive	0 ~ 12VDC
Linear Current Output	0~20mA, 4~20mA
TRIAC (Single Phase)	Zero Crossing , Phase Shift
Alarm Outputs	Relay - 1A / 250V SSR Drive - 0 to 12VDC
Power Supply	100-240VAC (50/60Hz) or 24VDC
Accuracy	FS +/- 0.01%, Sampling : 2.5Hz
Resolution	0.00°C / 0.00°F, 0.000 A / V
Communication	RS-485