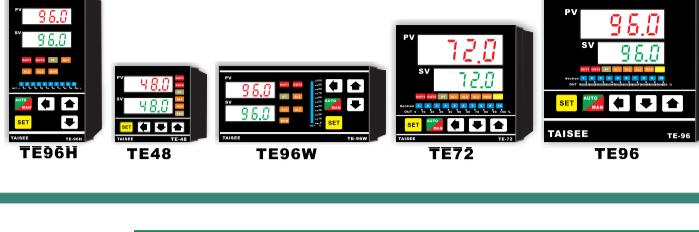


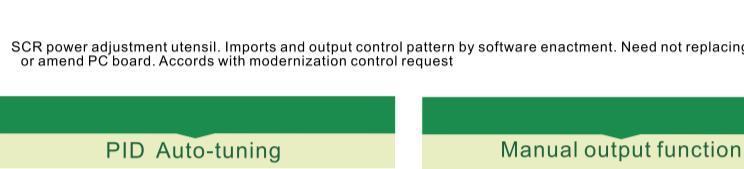
TE

# Economical PID temperature controller



- The nine kinds of the temperature detection signal input mode is set
- PID Auto-tuning function. Output% limit parameters
- (temperature slope correction) (Temperature Compensation) function

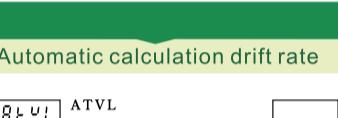
## Input mode selection and output control setting



Immediate demonstration active status

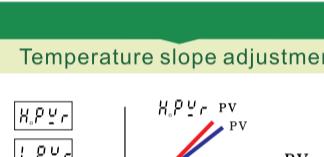
SCR power adjustment utensil. Imports and output control pattern by software enactment. Need not replacing model or amend PC board. Accords with modernization control request

### Recover parameter function



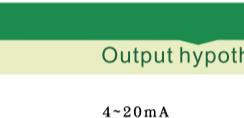
All parameter regress (of products) leave the factory

### PID Auto-tuning



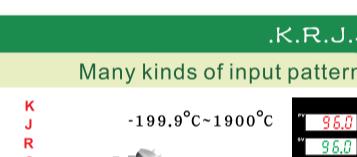
Achieves controls the warm effect best

### Manual output function



The testing is safer

### Automatic calculation drift rate



In automatic calculation process, Under the excess temperature does not complete

### Temperature slope adjustment



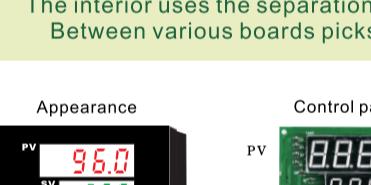
The part causes the temperature examination value deviation to revise

### Output hypothesis

(0~20mA DC 0~10V)  
Output percentage hypothesis (0~20mA DC 0~10V)

### .K.R.J.S.B.T.TP100

#### Many kinds of input patterns change & Output pattern choice



Many kinds of input patterns change the hypothesis by the software. Cannot use the replacement type



Provides many kinds of output pattern plan choice

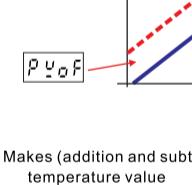
#### Rich unusual news demonstration

in IE	INIE	nnn I	NNNI
c Jc E	CJCE	Rdc F	ADCF
uuu I	UUUI	r RPF	RAMF

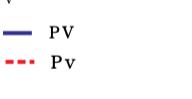
The breakdown demonstrates the unusual reason immediately. The trouble shooting is easy

The interior uses the separation formula design: Respectively is the power panel/control panel/display pane  
Between various boards picks the card trough connection. The service replacement is easy

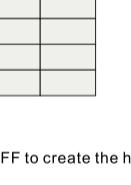
#### Appearance



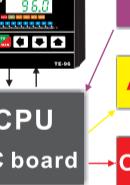
#### Control panel



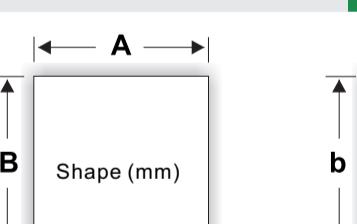
#### CPU control PCB



#### Power and Output board

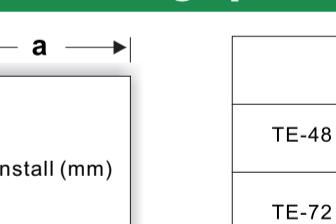


### Temperature error compensation



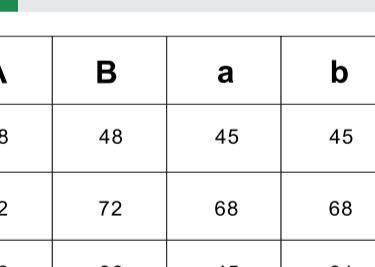
Makes (addition and subtraction) directly the temperature value

### Soft start function

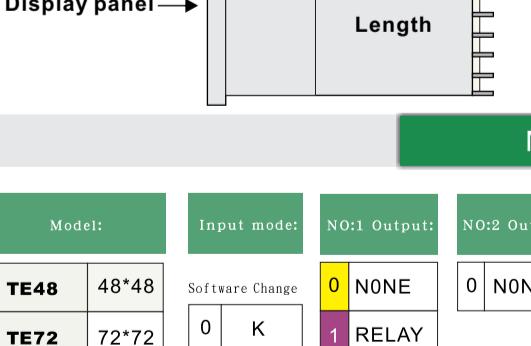


Eliminates instantaneous ON-OFF to create the high current hurriedly completely

### Modular classification control



## Sizing specification



	A	B	a	b
TE-48	48	48	45	45
TE-72	72	72	68	68
TE-96H	48	96	45	91
TE-96W	96	48	91	45
TE-96	96	96	91	91

## Model specification

Model:	Input mode:	NO:1 Output:	NO:2 Output:	Alarm:	Analog Out	Analog IN	Commun:	Main power:
TE48	48*48	Software Change	0 NONE	0 NONE	Transfer function of the main table	Vice-table reception	0 NONE	0 AC85~265V
TE72	72*72	0 K	1 RELAY	0 NONE	0 NONE	0 NONE	0 NONE	1 DC24V
TE96H	48*96	1 PT100	2 SSR	1 AL*1	0 NONE	0 NONE	0 NONE	
TE96W	96*48	2 J	3 4~20mA	2 AL*2				
TE96	96*96	3 R	4 1~5V					
		4 S	5 0~10V					
		5 B						
		6 E						
		7 T						
		8 F						

Graph showing a sawtooth wave signal.

Standard function

Other increase the function

Standard may change the function