










1. Comparison Table

Company		AUTONICS	SHINKO(Japan)	BrainChild(Taiwan)	PAN-GLOBE (Taiwan)	FOTEK(Taiwan)	Samwon Tech (Korea)		OMRON(Japan)	
Series		TR1D	DCL-33A	R22	R-C2000	NT-22	ST300	ST510E	E5DC	E5DC-B
Picture										
Power Supply	High Voltage	●	●	●	●	●	●	-	●	●
	Low Voltage	-	○	○	○	○	-	●	●	●
Dimension WxHxD[mm]		22.5 x 90 x 100	22.5 x 75 x 100	22.5 x 96 x 83	22.5 x 75 x 94.5	22.6 x 75 x 100	22.5 x 75 x 91.9	28 x 100 x 100	22.5 x 96 x 85	22.5 x 96 x 90
Display	Display Mode	FND	FND	LCD	FND	FND	FND	FND	LCD	LCD
	Digit x Singular	4-digit x 1	4-digit x 2	4-digit x 2	4-digit x 2	4-digit x 2	4-digit x 2	4-digit x 2	4-digit x 2	4-digit x 2
Number of Buttons		4	3	4	4	4	4	4	5	5
Degree of Display	Thermocouple	±0.3% PV	±0.2% FS	±2°C	±0.5% FS	±0.1% FS	±0.2% FS	±0.1% FS	±0.3% PV	±0.3% PV
	RTD	±0.3% PV	±0.1% FS	±0.4°C	±0.5% FS	±0.1% FS	±0.2% FS	±0.1% FS	±0.2% PV	±0.2% PV
	Analogue	-	±0.2% FS	±0.05%	±0.5% FS	±0.1% FS	±0.2% FS	±0.1% FS	±0.2% FS	±0.2% FS
Sampling Period		50/100/250ms	125ms	200ms	150ms	-	250ms	250ms	50ms	50ms
Control Output	Relay	●	●	●	●	●	(Used with alarm output)	(Used with alarm output)	●	●
	SSR	●	●	●	●	●	●	●	●	●
	Current	●	●	●	●	●	●	●	●	●
Heating/Cooling Control		●	●	●	●	-	-	●	-	-
Alarm Output		2	1	2	2	1	1	2	2	2
Option	CT Input	●	●	●	-	●	●	●	●	●
	RS-485	●	●	●	●	●	●	●	●	●
	Remote SV	-	●	-	-	-	-	-	-	-
	Digital Input	-	●	●	-	-	-	-	●	-
	Transmission Output	●	-	●	●	●	-	-	-	-
Etc	Terminal	Rising Clamp	Rising Clamp	Screw	Rising Clamp	Rising Clamp	Rising Clamp	Screw	Screw	Push in
	Module (Side Connector)	-	-	-	-	-	-	●	-	●
	Separate Terminal Area	●	-	●	-	-	-	●	●	●
	LOADER PORT	●	-	●	-	-	-	-	●	●