APECH

DIGITAL THERMOMETER
MODEL AT-2628

Feature :

AT-2628 Dual display Intelligent Alarm Output Control, Support 8 types Thermocouple, Alarm hysteresis setting, Data recording function.

AT-2628 Intelligent Digital Thermometer:

1. Temperature measuring (accuracy ± 0.3%) and alarming output function;
2. Available to 8 kinds of thermocouple type K、E、J、T、N、B、R、S;
3. Support ℃/℉ display;
4. Dual display: display max value, min value, relative mV value of the input temperature;
5. The beeper could be set to alarm when temperature is higher or lower than the set point, and the alarming hysteresis loop can be set as well. The alarm jack can be set to close or open, be sound or be quiet when the device alarms; the alarming jack adopts isolated optocoupler output.

Technical Data:

Thermocouple type	Input range	Resolution	Accuracy	Remark
R	-40 ~ 1760℃	1℃	-40 ~ 500℃: ±(0.5%+2℃) 500℃ ~ 1760℃: ±(0.4%+2℃)	Input resistance 1GΩ adopts ITS-90 thermometric scale
S	-20 ~ 1760℃	1℃		
B	400 ~ 1800℃	1℃	400℃ ~ 800℃: ±(0.5%+2℃) 800℃ ~ 1000℃: ±(0.4%+2℃) 1000℃ ~ 1800℃:±(0.3%+2℃)	
E	-200 ~ 1000℃	0.1℃	-200℃ ~ 0℃: ±(0.3%+1℃) 0℃ ~ 500℃: ±(0.3%+2℃)	
K	-200 ~ 1370℃	0.1℃	-200 ~ 0℃: ±(0.3%+2℃) 0℃ ~ 800℃: ±(0.3%+1℃) 800℃ ~ 1370℃: ±(0.5%+2℃)	
J	-200 ~ 1200℃	0.1℃	-200 ~ 0℃: ±(0.3%+1℃) 0℃ ~ 1200℃: ±(0.3%+2℃)	
T	-200 ~ 400℃	1℃	-200 ~ 0℃: ±(0.3%+1℃) 0℃ ~ 400℃: ±(0.3%+2℃)	
N	-200 ~ 1300℃	0.1℃	-200 ~ 0℃: ±(0.5%+2℃) 0℃ ~ 1300℃: ±(0.3%+	