



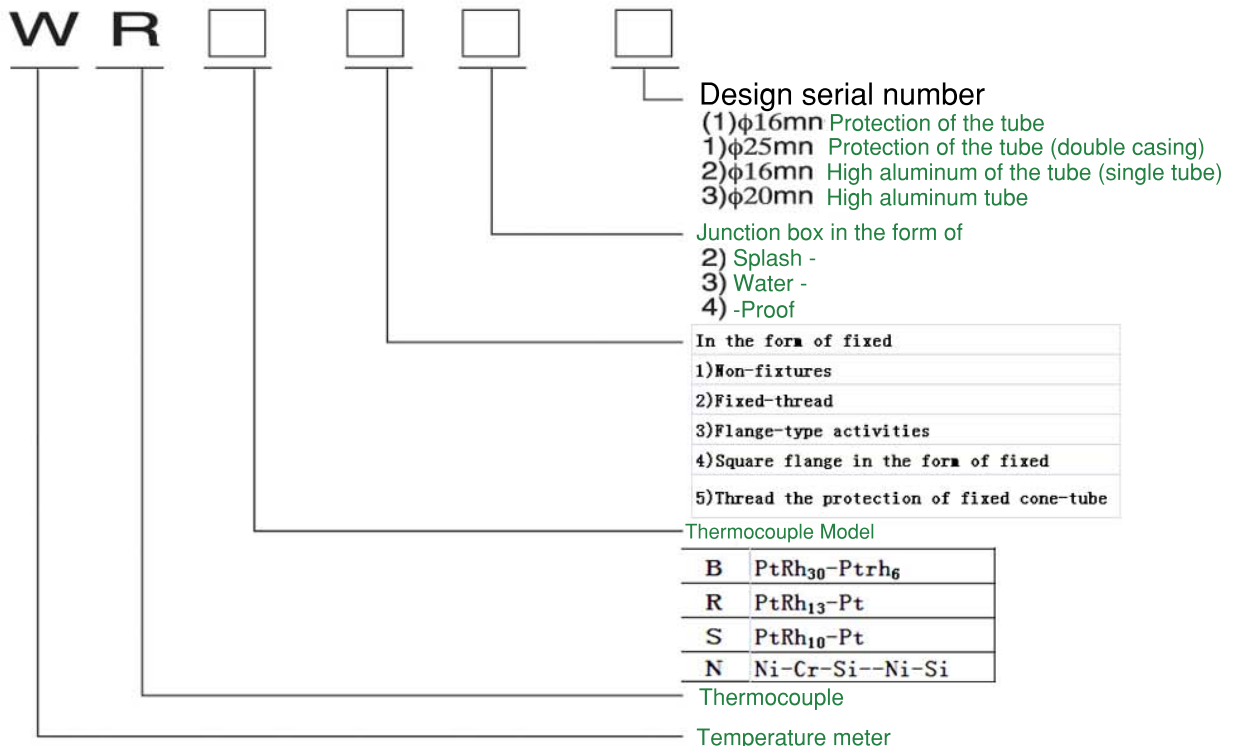
Platinum and rhodium thermocouple

The working principle

Using two different components of the conductor to form welding circuit, Direct temperature measurements called client-side, the terminal block is called side-side reference. When the measurement and reference client-side existence of temperature difference, back in the loop on the heat generated, Connected to the display table, the instrument tips on a thermocouple thermoelectric power generated by the corresponding temperature, the thermocouple hot action will end with the measurement of high growth, Hot momentum and only the size of the thermocouple materials as well as the conductor of both ends of the temperature difference, heat and the length of the electrode diameter has nothing to do.

Technical indicators

Thermocouple Model	type	Indexing	Long-term use	The use of short-term
PtRh ₃₀ -Ptrh ₆	WRR	B	0-1600°C	0-1800°C
PtRh ₁₃ -Pt	WRQ	R	0-1300°C	0-1600°C
PtRh ₁₀ -Pt	WRP	S	0-1300°C	0-1600°C
Ni-Cr-Si--Ni-Si	WRM	N	0-1000°C	0-1100°C



High temperature thermocouple Thailand Agents

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Product Introduction

Special thermocouple is made of noble metal,(platinum in high purity as cathode, Platinum and Rhodium alloy as positive pole), corundum as external tube, which is used to measure as high as 1800 degrees like powder metallurgy, fritting furnace, vacuum furnace, metallurgy furnace and calcination of fire-proof materials, proclein, ceramics.

Conductir material	Type	Graduation	Specs of protection tube (mm)				Use temperature°C
			Total Lenght	Length in fluid	external diameter of ceramic tube	Material of protection tube	
PtRh10-Pt	WRP	S	300	150	φ16	High Al content tube	0-1300
			350	200	φ25		
			400	250			
PtRh30-Ptrh6	WRR	B	450	300	φ16	Corundum tube	0-1600
			550	400			
PtRh13-Pt	WRQ	R	650	500	φ20	High Al content tube	0-1200
			900	750			
			1150	1000			
			1250	1100			
Mini PtRh10-Pt	WRP-100	S	252	252	φ7	High Al content tube	0-1200



PtRh₁₃-Pt type WRQ R 0-1300°C



type WRR B 0-1600°C
PtRh₃₀-Ptrh₆



PtRh₁₀-Pt
type WRP S
0-1300°C

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