



METAL CAPSULE PLATINUM RESISTANCE THERMOMETER (SPRTS)

The standard platinum resistance thermometer is a standard instrument for measuring the temperature according to the characteristic of the resistance value of the platinum wire changing with the temperature unit. ITS - 90 international temperature scale stipulated in 13.8033 K (-259.3467 °C) to 961.78 °C in standard platinum resistance thermometer is an instrument of interpolation. Standard platinum resistance thermometers are the most accurate and stable thermometers for temperature measurement under current production conditions.

Metal sleeve standard platinum resistance thermometer protection tube is not easy to damage, in the cheap metal environment is not easy to be polluted. Suitable for dry well furnace test and as standard device in dry well furnace.

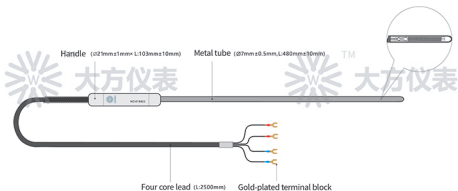


How to order?

Model: WZPB-9A 25.5Ω or Model WZPB-9A 100Ω

NEED "with calibration certificate" or "without calibration certificate".

Q | <http://www.yndfmeter.com/>



Structural diagram of high-temperature standard platinum resistance thermometer(mm)

Main Technical Parameters

Model	WZPB-9
Rank	Secondary Standard
Temperature Range	TypeA: 0°C~419.527°C TypeB: 83.8058K~419.527°C
Rtp(Ω)	25.5±0.5 or 100±1
Resistance Ratio	W ₆₀ ≥1.11807 W _{Hg} ≤0.844235
Excitation Current(mA)	1
Long Term Drift	5mK At 0.01°C/year
Autothermal Effect	≤0.5mK (Via 0.3 mA current)
Stability(mK)	≤8
Protection Tube Type	metal
Insulation Resistance	>1000MΩat ambient temperature
Handle Size (mm)	Φ21*103
External Leads	four-wires/2.5m/gold plated terminal blocks
Protection Tube Outer Diameter (mm)	Φ6.5
Protection Tube Length (mm)	480±10
Verification Regulation	JJG160-2007《Standard Platinum Resistance Thermometer》