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## **LABORATORY THERMOMETERS AZA1070**

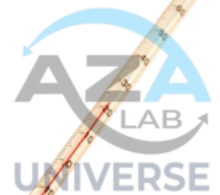
The AZA1070 Laboratory Thermometers from AZALAB are precision temperature measurement instruments designed for accurate, reliable, and repeatable performance across a wide range of laboratory and industrial applications.

Temperature is a critical control parameter in scientific processes, and even minor deviations can significantly affect results. The AZA1070 range is engineered to meet stringent laboratory standards, offering high accuracy, durability, and compliance with ISO, ASTM, and NIST calibration requirements.

Suitable for chemical, biological, pharmaceutical, academic, and industrial laboratories, these thermometers support both routine monitoring and high-precision applications.

### **Key Features**

- High measurement accuracy with minimal deviation
- Wide temperature range coverage ( $-10^{\circ}\text{C}$  to  $360^{\circ}\text{C}$  and beyond)
- Chemical-resistant construction for durability
- Clear readability (analog scale or digital display)
- Protective sleeves for glass thermometers
- Calibration traceable to ISO / ASTM / NIST standards
- Data output options for advanced digital models





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**TECHNICAL SPECIFICATIONS**

<b>Parameter</b>	<b>Mercury Thermometer</b>	<b>Digital Thermometer</b>	<b>Infrared Thermometer</b>
Model	AZA1070	AZA1070A	AZA1070B
Temperature Range	-10°C to 360°C	-50°C to 300°C	-50°C to 500°C
Accuracy	±0.5°C	±0.1°C to ±0.3°C	±1.0°C
Display	Analog Scale	Digital LCD	Digital IR Display
Measurement Type	Contact (Immersion)	Contact (Probe)	Non-contact
Material	Borosilicate Glass	ABS / Stainless Steel	ABS with Optical Lens
Response Time	~10 seconds	1-2 seconds	< 1 second
Calibration	Factory / ISO	ISO / NIST Traceable	NIST (optional)

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