

TEMPERATURE MEASUREMENT: A REVIEW OF THE ADVANTAGES AND DISADVANTAGES OF THE 4 MOST COMMON TYPES OF THERMOCOUPLE WIRE

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I will review and discuss the criteria for selecting appropriate thermocouple wire for temperature measurement in controlled environments. Appropriate data acquisition equipment, coupled with correct measurement procedures, allows gradients of 0.01 °C to be accurately measured. An absolute accuracy of 0.1 °C is also possible.