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AS 2831-1985 Thermometers - Solid stem - Long and short - For precision use

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Abbreviation
AS 2831-1985
Valid from
02/12/1985

Information provider
SAI Global
Author
Standards Australia
Information type
Australian Standard
Format
PDF

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Description

This standard specifies requirements for long solid-stem thermometers not exceeding 375 mm in length, and short solid-stem thermometers not exceeding 250 mm in length, intended for general use in precision temperature measurement. Nominal temperature ranges covered by these thermometers are from -55°C to 420°C for long thermometers and from -55°C to 410°C for short thermometers.

Scope

This Standard specifies requirements for long and short solid stem thermometers intended for general use over the ranges from -55°C to 420°C for long thermometers and from -55°C to 410°C for short thermometers. Details the coding which designates the graduation interval and the practical temperature range over which the thermometer is useful. Includes procedures for detecting strain in the glass, determining the change in zero and assessing the resistance of pigment fillers to chemical agents.

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