



ASTM International Technical Committee E20 on Temperature Measurement

Visit the ASTM

Committee E05 Webpage:

<http://www.astm.org/COMMIT/E20.htm>

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Established: 1962

Number of Members: 131

Number of Standards: 44

Global Participation: 16 Countries represented

The standards are available in: Volume 14.03 in the *Annual Book of ASTM Standards*

Meetings: E20 meets twice each year, in May and November

SCOPE:

- To promote the knowledge and advancement of the science of temperature measurement by:
- Aiding and advising the technical committees of the Society in the preparation of standard methods and in the development of apparatus;
- Sponsoring technical meetings and symposia independently or in cooperation with other organizations;
- Promoting research and development on applicable methods and associated materials;
- Formulating specifications and methods of test for temperature measuring apparatus and nomenclature;
- Assembling a consolidated source book covering all aspects relating to accuracy, application, and usefulness of thermometric methods; and
- Coordinating the Committee activities with those of other relevant ASTM Committees and other organizations.

LIST OF E20 SUBCOMMITTEES:

- E20.02 Radiation Thermometry
- E20.03 Resistance Thermometers
- E20.04 Thermocouples
- E20.05 Liquid-in-Glass Thermometers and Hydrometers
- E20.06 New Thermometers and Techniques
- E20.07 Fundamentals in Thermometry
- E20.08 Medical Thermometry
- E20.90 Executive
- E20.91 Editorial and Terminology
- E20.94 Publication

KEY DOCUMENTS:

- E1 Standard Specification for ASTM Liquid-in-Glass Thermometers
- E77 Standard Test Method for Inspection and Verification of Thermometers
- E230 Standard Specification and Temperature-Electromotive Force (EMF) Tables for Standardized Thermocouples
- E2251 Standard Specification for Liquid-in-Glass ASTM Thermometers with Low-Hazard Precision Liquids

