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ASTM International Technical Committee E20 on Temperature Measurement

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 consolidated source books covering all aspects relating to accuracy, application, and usefulness of thermometric methods; and
- Coordinating the Committee activities with those of other ASTM Committees and other organizations.

TECHNICAL SUBCOMMITTEES

E20.02 — Radiation Thermometry

E20.03 — Resistance Thermometers

E20.05 — Liquid-in-Glass Thermometers and Hydrometers

E20.07 — Fundamentals in Thermometry

E20.09 — Digital Contact Thermometers

E20.11 — Thermocouples - Calibration

E20.12 — Thermocouples - Specifications

E20.13 — Thermocouples - Materials and Accessories Specifications

E20.14 — Thermocouples - Testing

E20.20 — Fiber Optic Temperature Sensors

E20.90 — Executive

E20.91 — Editorial and Terminology

E20.94 — Publication

E20.96 — Temperature Measurement Techniques Open Forum Workshop/
Formal Colloquium

E20.20 — Fiber Optic Temperature Sensors

KEY DOCUMENTS

E1 — Standard Specification for ASTM Liquid-in-Glass Thermometers

E77 — Standard Test Method for Inspection and Verification of Thermometers

E230 — Standard Specification for Temperature-Electromotive Force (emf) Tables for Standardized Thermocouples

E2251 — Standard Specification for Liquid-in-Glass ASTM Thermometers with Low-Hazard Precision Liquids



QUICK FACTS

Established 1962

Number of Members 135+

Number of Standards 44

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

Meetings E20 meets twice annually
in May and November

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Learn more about Committee E20

www.astm.org/committee-e20

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