

Measurement Platform Capabilities

Intelligent Thermal Conductivity



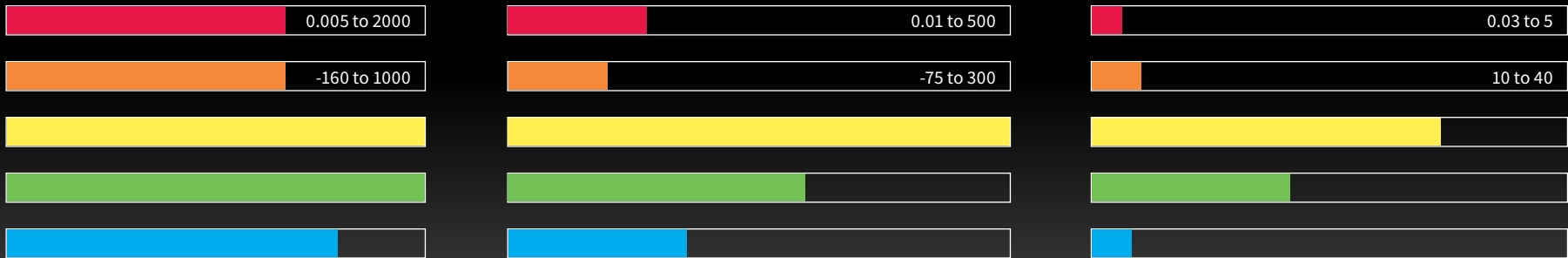
MP-1 | Advanced



MP-V | Versatile



MP-2 | Portable



- Thermal Conductivity (W/m·K)
- Temperature (°C)
- Versatility
- Expandability (methods + modules)
- Price (\$)

Accurate thermophysical testing methods with intelligent design for automation of testing and analysis. Raw data is always available to empower understanding of your results.

Properties

- Thermal conductivity
- Thermal diffusivity
- Specific heat
- Thermal effusivity
- Thermal resistance
- Contact thermal resistance

Methods

Transient Plane Source (TPS)

- ISO 22007-2, GB/T 32064
- Solids, pastes, powders

Transient Hot Wire (THW)

- ASTM D7896
- Liquids, PCMs

Modified Transient Plane Source (MTPS) - Absolute

- Solids, pastes, powders

Transient Line Source (TLS)

- ASTM D5334-22a, ASTM 5930
- Soil, polymers