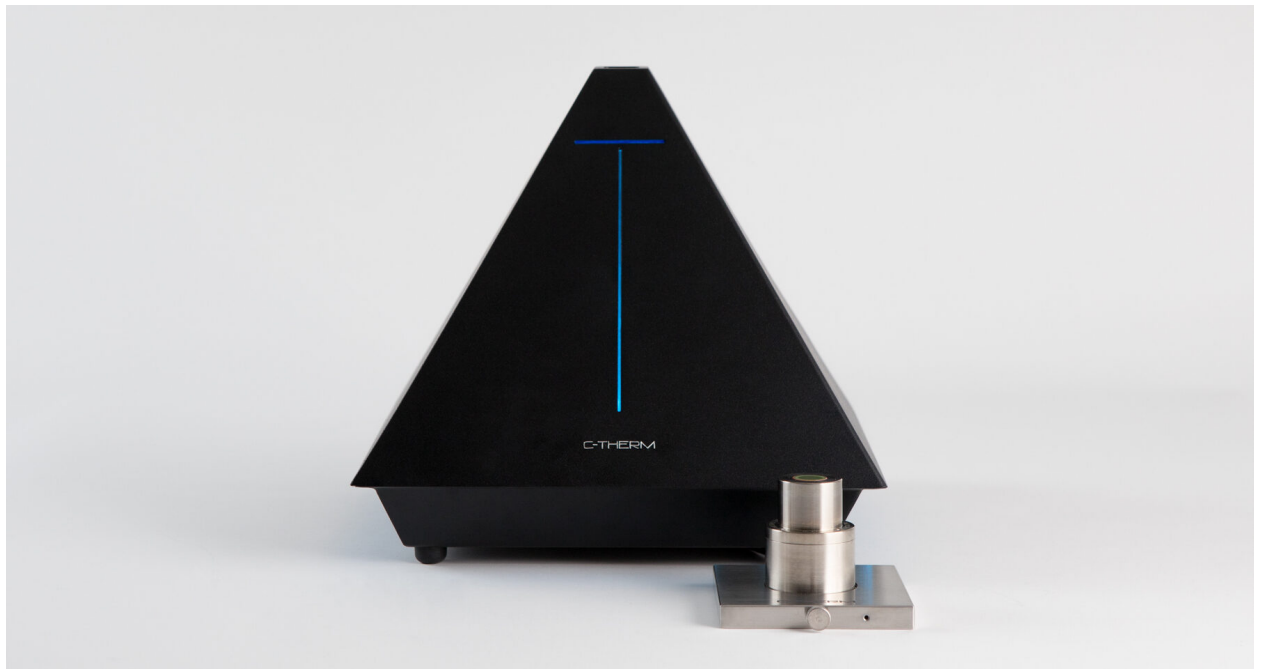


Measuring the Thermal Conductivity of Metallic Materials

Metals are used in a wide variety of industries, from nuclear and automotive to usage in electronics and aviation. Metals tend to be highly thermally conductive and are sought out for their ability to quickly dissipate heat. This is important for many industries that wish to maintain structural stability while maintaining effective heat dissipation in avoiding overheating.

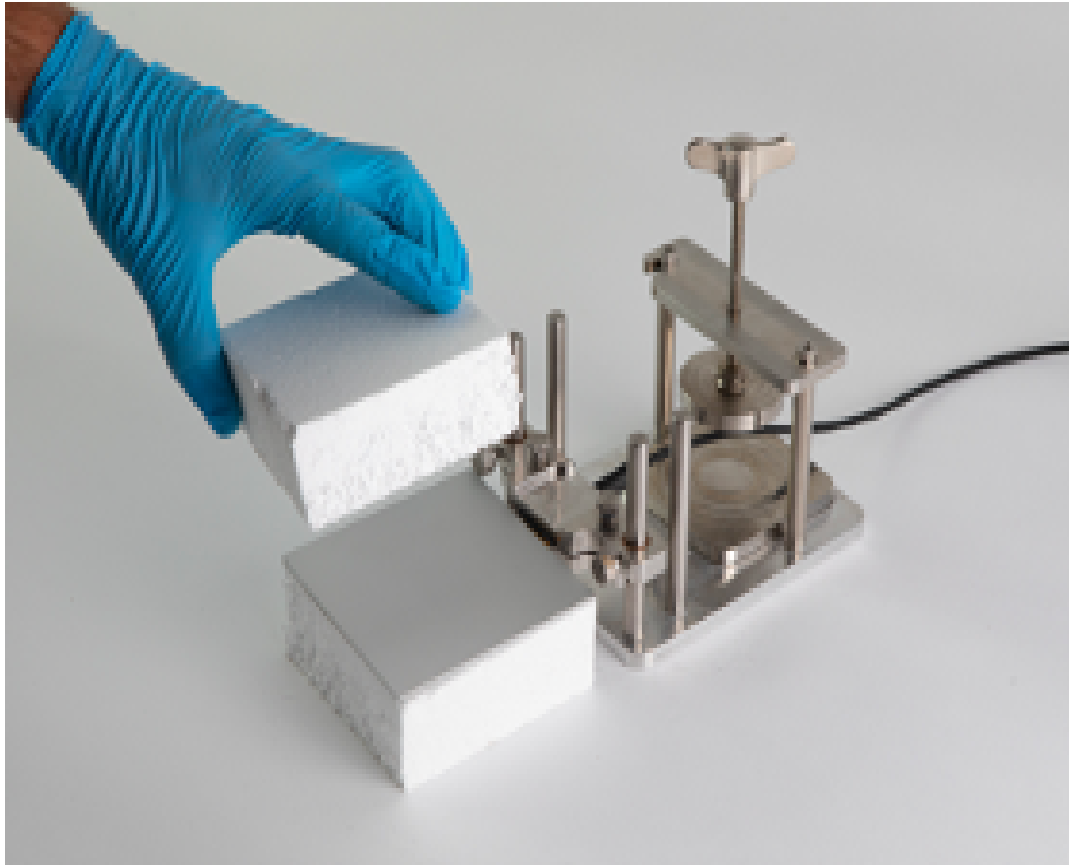
As the thermal conductivity of the materials is a critical performance attribute, an effective means of verifying the performance of the material is highly desirable. Ideally, researchers are seeking a fast, easy and accurate means of verifying the thermal conductivity of the material as incoming material quality increasingly becomes a concern.



Trident Instrument with MTPS



Testing Copper with MTPS



Testing Aluminium Slab with FLEX