



Product Code . JL-ELA-5521

Advanced Conduction Unit

Description

Advanced Conduction Unit

Technical Description:-

In this bench top unit, a metal test bar is clamped between a heater and a Peltier element as the cooler.

The complete arrangement is under an evacuated bell jar.

In this way errors due to convection can be ignored and all the heat must flow through the test bar.

The thermal conductivity can be calculated from the temperature difference between the hot and cold end and the heater power.

The housing contains the vacuum pump and the digital displays.

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