



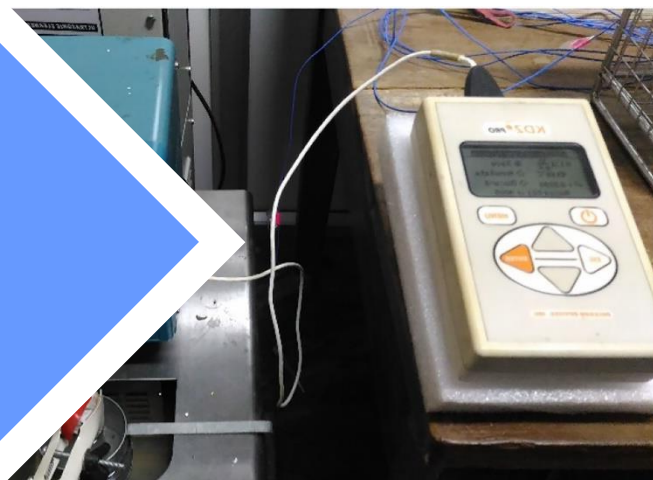
# Thermal Property Analyser



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## TECHNICAL NOTE

About the instrument

Specifications

Capability

Sample requirement

Sample Limitation

Analysis Cost

Sample Preparation

### About the Instrument

<b>Instrument Name</b>	Thermal Property Analyser
<b>Manufacture</b>	Decagon Devices
<b>Model</b>	KD2 Pro

### Specifications

<b>Sensors</b>	KS-1, TR-1, SH-1
<b>Temperature range</b>	10 – 90 °C

### Capability

Liquid Sample:	Conductivity / Resistivity at different temperature (10 to 90 °C)
Solid Sample:	Conductivity / Resistivity / Specific heat / Diffusivity at Room Temperature

### Sample requirement

<b>Sample type</b>	Liquid and Solid
<b>Sample quantity</b>	Liquid 25 ml
	Solid 1 cm x 1 cm x 10 cm (L x B x H)

### Analysis cost

Temperature range	Academic	Industry
10 – 50 °C	Rs 500 / sample	Rs 1000 / Sample
10 – >50 °C	Rs 1000 / sample	Rs 2000 / Sample

Reference

[http://manuals.decagon.com/Manuals/13351\\_KD2%20Pro\\_Web.pdf](http://manuals.decagon.com/Manuals/13351_KD2%20Pro_Web.pdf)