

# LASER FLASH THERMAL CONDUCTIVITY



Make	Model
Netzsch, USA	LFA 437/1, Microflash 300

## Small Description:

**Laser Flash Thermal Conductivity Meter** Netzsch, MICRO Flash 300 Range: RT to 300 °C; Diffusivity range: 0.01-10 Cm-1 /s; In plane or through plane measurement Thermal diffusivity, conductivity, specific heat measurement of materials.

## Specification:

- ❖ Standard Sample Size:-12.7 mm diameter or 8mm Square up to 3mm Thickness
- ❖ Temperature Range: - Ambient to 300° C
- ❖ Thermal Diffusivity Range:-0.001to 10 cm<sup>2</sup>/s
- ❖ Laser Type:- Nd: Glass,Wavelength:1064 nm
- ❖ Sensor Type: InSb IR Detector

## Application:

- ❖ Measuring Thermal Diffusivity, Thermal Conductivity and Specific heat for Rubber, Metals, Carbon Carbon Composites Materials, Graphite.