

THE COEFFICIENT OF THERMAL CONDUCTIVITY MEASURING DEVICE	
DEVICE BRAND AND MODEL	TPS 500 S
	
MEASURABLE SAMPLES	
	SOLID MATERIALS
	POWDER MATERIALS
	LIQUID MATERIALS

FEATURES	
Thermal Conductivity Measurement	0.03 - 100 W/m/K. (If the same two samples are used) 5 - 200 W/m/K (If only one sample is used)
Thermal Diffusivity	0.02 - 40 mm ² /s. 2 - 100 mm ² /s (If only one sample is used)
Specific Heat Capacity	5 MJ/m ³ K' e kadar
Measurement Time	2.5 - 2560 saniye
Accuracy	Error rate max 5 % (Thermal Conductivity).
Temperature Range	-35 °C - 200 °C.
Dimensions of the sample to be measured	Minimum sample diameter in case of circular section: 20 mm, minimum height: 5 mm Dikdörtgen kesitli olması durumunda boyutlar: 20 mm x 20 mm, minimum height: 5 mm