


<b>Instrument title</b>	<b>Thermal constants analyzer TPS 500</b>
<b>Photo</b>	
<b>Technical details</b>	<p>Thermal conductivity range is 0.03 – 100 W/mK; thermal diffusivity range is 0.02 – 40 mm<sup>2</sup>/s; specific heat capacity range is 0.1 – 4.5 MJ/m<sup>3</sup>K; measurement time range is 2.5 – 2560 s; accuracy is better than 5%; temperature range is -100 – 200 °C; smallest sample dimensions are 3 mm in height, 13 mm in diameter, largest sample length is unlimited.</p>
<b>Application</b>	<p>Quick and non-destructive determination of the thermal transport properties of a wide range of materials without sample surface preparation (surface roughness or surface color does not influence measurement results).</p>