

Thermal Response Test Equipment Data

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Country: Spain

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GENERAL TRT DATA

Type: <i>Heat extraction</i>	No TRTs: <i>1</i>	Size, weight: <i>L+W+H, 150 kg</i>
Aim: <i>Research</i>		Pump: <i>turbo, 1 kW</i>
Powered by: <i>Electricity.</i>		Heater: <i>electric, 6 kW</i>
Built on/in: <i>Portable.</i>		HP/Cooler:
<p style="text-align: center;">Principle outline</p>		Temperature measurements: <i>- temperature sensor, type PT100, ±0.1 °C</i>
		Flow rate measurements: <i>- Burkert 8035</i>
		Voltage stabilization: <i>No</i>
		Supply Power Monitoring: <i>No</i>
		GPS: <i>No</i>
		Remote Control of Operation: <i>No</i>
		Remote Data Collection: <i>Yes</i>
	Logger: <i>MW 100, Yokogawa</i>	

TRT EXPERIENCE

Years of operation: *1*

Number of performed measurements: *2 Research*

Typical borehole depths: *100 m*

Applications: *BHE, energy piles, heat pipe BHE's, etc.*

Typical collector type: *1U*

Typical fluid type: *Water*

Typical groundwater temperature: *15 °C*

Geographical area: *Bask Country*

Analysis Method: *Numerical.*