

# Thermal Response Test Equipment Data

Country: SPAIN

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## General TRT data

Type: Heat injection	No TRTs: 01	Size, weight: 61cm x 61cm x 61cm, 37 Kg
Aim: Commercial		Pump: Circulation, 1/6 HP, 30 l/min
Powered by: Electricity (230V, 16/32A 50hz)		Heater: Electrical; 1,5 to 7,5 KW
Built on/in: Hand Portable		HP/Cooler: --
<p>Principle outline</p>		Temperature measurements: - Temperature(profile, ambient, in-out heat-exchanger); Thermistor; $\pm 0.2^{\circ}\text{C}$
		Flow rate measurements: - Pressure; transducer sensor
		Voltage stabilization: No
		Electricity measurement: Yes, Voltage, Amperage, Battery
		GPS: Yes
		Remote Control: No
	Remote Data Collection: Incoming...	
	Logger: HOBO Energy Logger Pro	

## TRT Experience

Years of operation: 1 year

Number of performed measurements: 4 Commercial

Typical borehole depths: 50 to 150 m

Applications: BHE.

Typical collector type: 1U, 2U

Typical fluid type: water

Typical groundwater temperature: 14-16 °C

Geographical area: South Europe

Analysis Method: Line source