

Thermal Response Test Equipment Data

Country: Germany

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General TRT data

Type: <i>Heat injection</i>	TRT-Units: 4	Size, weight: 1 x 0,5 x 0,5 m ; 30kg	
Aim: <i>Research/development/commercial</i>		Pump: adjustable	
Powered by: <i>Electricity</i>		Heater: electric adjustable	
Built on/in: <i>portable</i>		HP/Cooler: -	
<p>www.LOHRconsult.de</p>		Temperature measurements: - PT 100, PT 1000	
			Flow rate measurements: - ultrasonic
			Voltage stabilization: <i>Yes</i>
			Electricity measurement: <i>Yes</i>
			GPS: to require
			Remote Control: to require
			Remote Data Collection: <i>Yes</i>
		Logger: <i>yes</i>	

TRT Experience

Years of operation: 8

Number of performed measurements: 103 *Research/development/commercial*

Typical borehole depths: 20-300 m

Applications: *BHE, energy piles*

Typical collector type: *1U, 2U, coaxial pipe*

Typical fluid type: water

Typical groundwater temperature: 10-14°C

Geographical area: *Germany, France, Belgium, Switzerland, Austria, Great Britain*

Analysis Method: *Numerical / Line source / Automatic / Direct / etc.*