

Country: Austria

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General TRT data

Type: <i>a the moment Heat injection it is planned to make also heat extraction</i>	No TRTs: -	Size, weight: <i>L+W+H, kg</i>
Aim: <i>Research/development/commercial</i>		Pump: <i>frequency controlled pump, capacity 0,2-3,2m³/h</i>
Powered by: <i>Electricity</i>		Heater: <i>electric heater max 11kW</i>
Built on/in: <i>Trailer, but is also portable.</i>		HP/Cooler -
<u>Principle outline</u>		Temperature measurements: <i>- paired PT 100</i>
		Flow rate measurements: <i>- 2 IDM- sensors</i>
		Voltage stabilization: -
		Electricity measurement: <i>Yes,</i>
		GPS: <i>No</i>
		Remote Control: <i>Yes</i>
		Remote Data Collection: <i>Yes</i>
		Logger: <i>Eurotherm</i>

TRT Experience

Years of operation: *0*

Number of performed measurements: *0 Research/development/commercial*

Typical borehole depths: *typically 100, max 200m*

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

Typical collector type: *1U, 2U, heat pipes,.*

Typical fluid type: *for TRT Water, working BHE with brine*

Typical groundwater temperature: *11°C*

Geographical area: *Austria*

Analysis Method: *Line source*