

Country: China

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GENERAL TRT DATA

Type: <i>Heat injection</i>	No TRTs: RLY-9000	Size, weight: 1000+500+600mm, 70 kg	
Aim: <i>Research</i>		Pump: <i>type, capacity (range) Grundfos, 1.5kW</i>	
Powered by: <i>Electricity</i>		Heater: <i>type and capacity (range) AC, 9kW</i>	
Built on/in: <i>container</i>		HP/Cooler:	
<p style="text-align: center;">Principle outline</p>		Temperature measurements: Pt100(0-60°C, ± 0.1°C) - <i>Measurement, type, accuracy</i>	
			Flow rate measurements: flowmeter by electromagnetism
			Voltage stabilization: <i>Yes</i>
			Supply Power Monitoring: <i>Yes</i>
			GPS: <i>No</i>
			Remote Control of Operation: <i>No</i>
			Remote Data Collection: <i>No</i>
		Logger: <i>type micro computer</i>	

TRT EXPERIENCE

Years of operation: 2

Number of performed measurements: 1 *Research*

Typical borehole depths: 150m

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

Typical collector type: 1U, 2U,

Typical fluid type: 0.4m/s

Typical groundwater temperature: 14°C

Geographical area: *Measurement region* Peking, Tianjin, Suzhou, Jinan, Zhengzhou, Ningbo, etc.