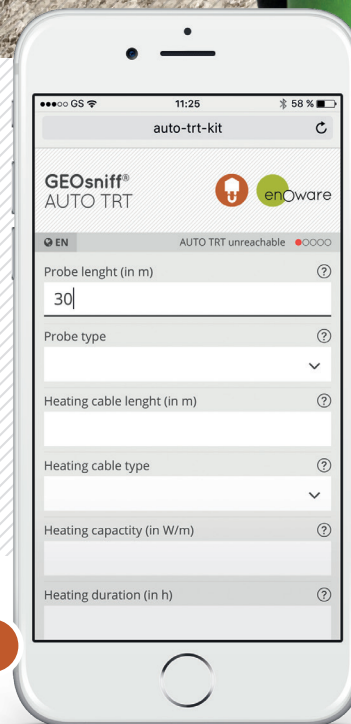






- 1 GEKA coupling for water hose feed
- 2 Connection to AUTO TRT BOX (backside)
- 3 Housing with integrated magazine and control electronics
- 4 PE coupling to geothermal probes
- 5 GEOsniff® TRT APP for control the TRT measurement



GEOsniff® AUTO TRT KIT

System to implement an automatic Enhanced Geothermal Response Test (EGRT) with a heating cable inside or outside of an geothermal probe. The measurement is carried out with cyclically inserted GEOsniff® TRT MEASUREMENT PIGS into the geothermal probes.

Field of application	Fully automatic implementation of an Enhanced Geothermal Response Test (EGRT) with GEOsniff® TRT MEASUREMENT PIG
Design	Robust housing made of aluminum and plastic for storing up to 3-10 GEOsniff® TP MEASUREMENT PIGS
Measuring principle	Heating a geothermal probe with a heating cable. A GEOsniff® TRT MEASUREMENT PIG is inserted in defined time intervals into a geothermal probe via a magazine. After measuring, all GEOsniff® TRT MEASUREMENT PIGS are pumped up and read out automatically.
Measuring cycle	Approximately 150-160 h, depending on subsurface (approx. 72 h heating + 72 h cooling + read out)
Integrated measuring sensors	Temperature sensors for monitoring the heating cables
Geothermal probe connection properties	Screwable onto D32 or D40 geothermal probe
Online connection and interfaces	Online connection with YouFootprint® portal to read measuring data, push notifications when measuring is finished
Maintenance	Maintenance-free operation
Power supply	230 VAC (400 VAC optional)
Power consumption	Depending on required heating capacity up to 3.6 kW
Installation requirements	Geothermal probe must be open and accessible
Dimension / weight	Ø120 x 677 mm / 4 kg mounted (entire KIT max. 30 kg with 100 m heating cable)
IP Code	IP65

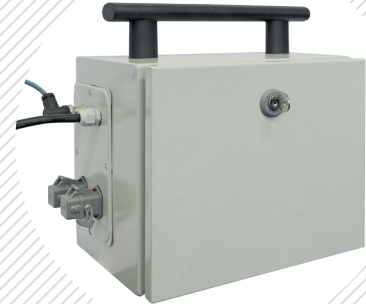
GEOsniff® AUTO TRT KIT Components



1x AUTO TRT MAGAZIN



10x GEOsniff® TP MEASUREMENT PIG



1x AUTO TRT BOX
Switch box with control electronics
for AUTO TRT MAGAZINE,
Heating cable and pump, integrated
GSM/UMTS/LTE connection



1x submersible pump
with water reservoir



1x cable drum with heating cable for
the geothermal probe