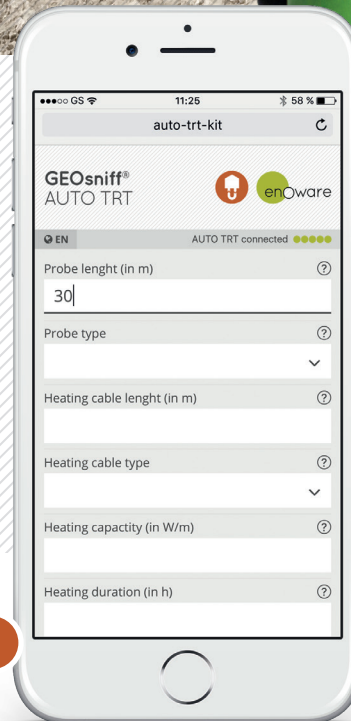






- 1 GEKA coupling for water hose feed
- 2 Connection to AUTO TRT BOX (backside)
- 3 Housing with integrated magazine and control electronics
- 4 PE coupling to geothermal probes
- 5 GEOsniff® TRT APP for control the TRT measurement



# GEOsniff® AUTO TRT KIT

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

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

# GEOsniff® AUTO TRT KIT Components



1x AUTO TRT MAGAZIN



10x GEOsniff® TP MEASUREMENT PIG



1x AUTO TRT BOX  
with control electronics for AUTO  
TRT MAGAZINE, heating cable and  
pump, GSM/UMTS/LTE



1x submersible pump  
with water reservoir



1x cable drum with heating cable for  
the geothermal probe