



GEOsniff® STARTER-KIT

Combination of professional measurement technology with user-friendly operation for generating a depth-temperature profile of a geothermal probe via smartphone. The all-inclusive package meets all the needs and requirements that are necessary for the measurement, visualization, validation and quality assurance of geothermal probes.

GEOSNIFF® MEASUREMENT PIG	
Design	spherical / 20 mm
Density	1.7 kg/dm³
Measuring range pressure / temperature	30 bar (optional 14 bar) / -25 ... +50 °C (optional up to 70 °C)
Pressure resistance	45 bar
Temperature resistance	-25 ... +70 °C
Feasible single measurements	3200 (for data and energy storage)
Energy supply and data transmission	wireless
Charging duration	7 - 20 min, depending on state of charge
Lowering speed (geothermal probe, water)	approximately 6,5 m/min (U32), approximately 15 m/min (U40)

GEOSNIFF® BYPASS	
Components	60 liter barrel, manual Bypass, Zehnder submersible pump (power consumption 850 W, max. fluid quantity 9500 l/h)
Function	comfortable manual insertion and discharge of the GEOsniff® MEASUREMENT PIG

GEOSNIFF® VALIDATION BOX

Casing	compact waterproof case, IP65 when open
Function	charging the integrated GEOSniff® MEASUREMENT PIG energy storage, transmission of measurement data, configuration of measurements, compatible with all GEOSniff® MEASRUEMENT PIGS
Energy storage	integrated battery, up to 30 measurements possible, 8h operating time
Connections	USB connection to charge integrated battery via power supply or car adapter
Data transmission and controlling	Bluetooth 4.0 for connection with GEOSniff® APP

GEOSNIFF® APP

Operating system	iOS / Android (available soon)
Mobile device	iPhone, iPad, iPod touch (Android available soon)
Function	Control unit of VALIDATION BOX for configuration, visualization, management and export the GEOSniff® MEASUREMENT PIG measurements via CSV. The data storage includes multiple measurements and logs them via GPS.

GEOsniff® STARTER-KIT Components



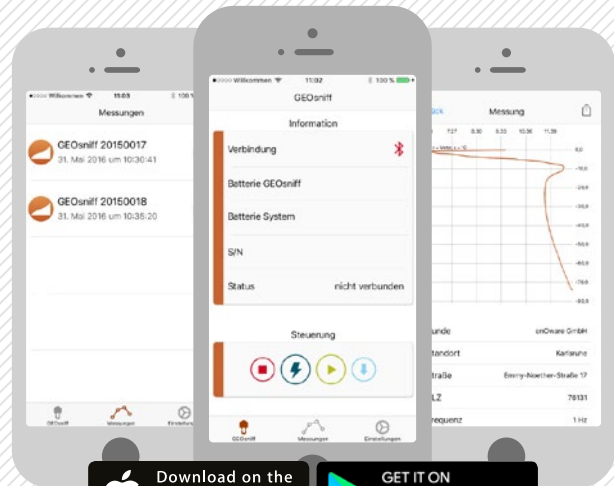
GEOsniff® VALIDATION-BOX
with 3x GEOsniff® Test balls



1x GEOsniff®
MEASUREMENT PIG



1x barrel with manual
BYPASS and submersible pump



GEOsniff® APP

