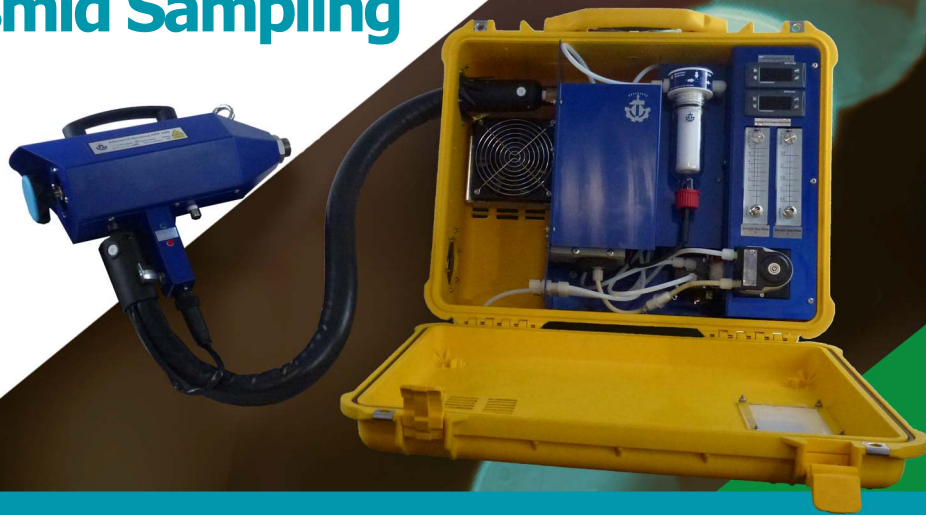




Ankersmid Sampling



Complete Portable Sampling System

The portable gas sample probe has been designed so that a wide range of gas analyses can be carried out at any time and in any place.

The gas conditioning unit is housed in a robust and compact carrying case in an eye-catching colour for safety reasons.

Applications:

- Stack testing**
- Mobile certification and validation**
- Mobile testing**
- Environmental protection**
- Mobile back-up system**
- Temporary sample points**

“The fastest mobile sampling solution on the market.”

Reference customers:



Groupe  apave



Portable Heated Gas Sample Probe Series APP

The portable gas sample probe is especially designed for portable applications where easy handling, safe and reliable operation as well as easy maintenance at a wide range of conditions is required. The low weight and innovative design guarantees a perfect operation for mobile measurements.

Due to various acid dew-points the sample probe is heated up to +180°C. A filter element with a length of 150mm is integrated and suitable for most applications up to 1gr/m³ dust content.

A significant advantage is the easy and fast replacement of the integrated filter element without demounting the probe housing even under heated conditions.



Sample probe series APP
heated up to +180°C



Port for back-flush and
test gas (acc. to EN14181)



Over-temperature safety switch-off
Low-temperature alarm contact



Compact and innovative design
suited for most applications



Portable heavy duty Peli-Case
for safe transport



Spun glass filter cartridge for
Diesel and other sooty applications

Portable Gas Conditioning System Series APS

The portable gas sampling system has been designed so that a wide range of gas analyses can be carried out at any time and in any place.

The portable gas conditioning system is suitable for temporary and long-term operation.

The components built into the system are suitable for various applications.

The entire gas conditioning system is housed in a robust and compact carrying case in an eye-catching colour for safety reasons.



Integrated Peltier cooler
for outlet dew-point +4°C



Demountable chemical and
pressure resistant heat exchanger



Separate digital PID-controller
for integrated Peltier cooler
and heated sample line



Optical moisture sensor for
conductive & non-conductive media
with automatic switch-off function



Compact design in Peli-Case
for low weight



Paramagnetic oxygen sensor
for linear O₂ measurement



Ankersmid Sampling

Portable Gas Analyzers

The portable gas analyzers Series ABYSS are powered by Li-ion batteries and can operate without AC power supply.

The analyzers can be used for measurement of the concentration of multiple gases simultaneously. It is based on the single source dual-beam non-dispersion infrared (NDIR) method for CO, CO₂, CH₄, C_nH_m, H₂S, SO₂ and a micro-TCD (Thermal Conductivity Detector) gas sensor for H₂ and O₂ by fuel cell method. The analyzer is designed with digital pulsable infrared source and dual-beam systems.

The Oxygen analyzer Series APA is measuring and monitoring O₂ linearly by using the paramagnetic Dumbell principle.

Syngas analyzer for

CO + CO₂ + CH₄ + H₂ + O₂ + C_nH_m + Calorie

Biogas analyzer for

CO₂ + CH₄ + H₂S + O₂

Fluegas analyzer for

SO₂ + NO + CO + CO₂ + O₂



Portable Heated Line

Required to connect the portable sample probe Series APP with the portable gas conditioning system Series APS



Ankersmid Sampling BVBA

Neerlandweg 21
B-2610 Wilrijk
BELGIUM

www.ankersmidsampling.com

Distributor:

