



EXTERNAL SUCTION PROBE



*Sampling system for gases heavier than air
(propane, butane...)*

This external suction probe is a useful complementary device of Gazomat's portable detector product range and used for on-foot detection. It can be operated in combination with the IONIFLAM 2 gas leak detector to take samples of gases that are heavier than air, therefore eliminating the need to drill probe holes.

A compact but powerful pump

- ◆ Gas sampling proceeds with the help of a powerful pump located inside the unit (maximum flowrate between 300 L/hour and 500 L/hour. Gas samples taken from below the ground surface are rapidly conveyed to the detector.



Quick connection to the gas leak detector

- ◆ Connection to the external suction probe is performed using a flexible tubing equipped with a rapid action hose coupling.

Integrated filters

- ◆ Water trap : the unit is fitted with a water trap. Should water have been aspirated, a detection device immediately stops the pump inside the probe and an audible alarm warns the operator of the presence of water.
- ◆ A dust filter is located inside the suction cup.

A very practical tool

- ◆ The suction probe's length can be adjusted to the operator's height.
- ◆ Carrying handle and shoulder straps. Both enable the operator to carry the suction probe more conveniently when he is not performing gas leak detections.

Technical sheet

Power supply :

- 6 or 8 Alkaline dry cells (R20 type)
- or 8 rechargeable batteries- R20 type - (NiCAD or Ni-Mh)
- Safety fuse

Pump:

- Maximum flowrate when empty :
 - 300 litres/hour with 6 cells (8 Volts)
 - 500 litres/hour with 8 cells (12 Volts)
- Maximum depression : 700 mbar
- Nominal depression : 500 mbar

Autonomy :

- 5 to 7 hours with 8 Ni-Mh batteries

Length adjustable between : 0.76 m and 1.01 m

Diameter of suction cup on ground : 80 mm

Total weight with 6 cells : 3.8 kg