

ABE\_150

**PUMP FOR AIR QUALITY  
MONITORING**

Brochure





❖ **Camp of application**

The new model ABE\_150 replaced the old model ABE\_110 and ABE\_120 not in production any more.

The new pump permits the collection of samples from many different industrial, commercial or other places: composting plants, refluents treatment plants, restaurants, fast-foods, chemical industries, refineries, landfill sites, etc. Typical uses of the collection of these samples are olfactometer measurements (with sensors or with panel testers) to verify the concentration of smells or contaminants, the efficiency of filters, the air emission entity, etc.

❖ **Principal characteristics**

The system uses a membrane pump that permits the collection of samples even from collectors, filters, etc. In depression, up to a maximum of  $-150\text{mBar}$ .

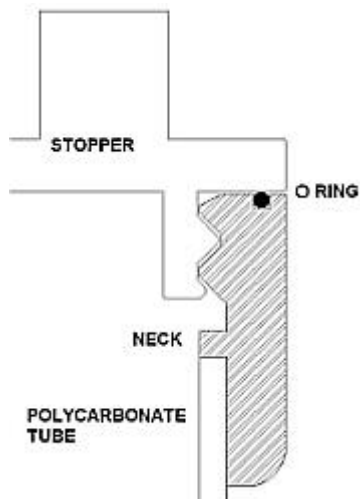
The main advantage of the ABE\_150 pump is the total absence of contact between the sample gas and the pump, so the gas can't be contaminated. The plastic bag is filled by the depression in the tube.

Fast, easy and reliable system for the replacement of the bags through a right screw threaded seal that avoid any possible air leaks.

The model ABE\_150 has a flow regulator, so you can change the bag filling time.

❖ **Structure and characteristic**

The screw plug is done with pvc, very light and resistant material (it is inert to the nearly whole body of chemical compounds).



In respect of previous models, this version has improved system of screw of caps by a new thread with a 3 time more large passage.

ABE-150 includes a battery charger and 20 bags.

The long-life battery permits to fill a minimum of 250 bags before to recharge it: the filling time is lesser than 85 sec. – no matter about the depression value!

❖ **Technical characteristics**

Description	ABE150
Operative camp	Till –150m Bar
Bags filling time	Less then 85 sec.
Battery charger power supply	230Volt 50Hz 11.3W
Operating time	Up to 250 bags
Recharge time	6 hours
Operating temperature range	-5°C / 50°C
Weight	4,75 Kg
Dimensions	170*170*880 mm
Maximum depression	-300 mBar

❖ **Price list**

<b>Code</b>	<b>Price</b>	<b>Description</b>
ABE_150	€ 1500,00	With battery charge and 20 bags
ABE_111	€ 780,00	300 meters of bags
ABE_112	€ 60,00	Battery charger
ABE_113	€ 60,00	Supplementary battery pack for model ABE-150
ABE_114	€ 650,00	Spare membrane pump
ABE_115	€ 40,00	50 screw plugs