



ISOKINETIC DIVIDABLE PROBES

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Dividable isokinetic probes are the answer to the common problems of shipping, handling in reduced space area and storing of uncomfortably long probes.

With a light weight and a high strong section, this probe allows an overhang up to 5 meter with reduced deflections.

The testing head consists of a suction tube, an "S" Pitot tube, a gas analysis tip and a temperature measure probe. Through a polarised joint it's possible to maintain the right position of the nozzle during the assembling of additional extension tubes.

Overall dimensions have been reduced allowing the probe, complete with isokinetic assembly, to enter through an 80mm diameter opening in the stack.

Main Features

- ⊗ Gaskets free;
- ⊗ Complete built in Inox Aisi 316;
- ⊗ Suction tube in reinforced PTFE;
- ⊗ Maximum temperature: 200°C;
- ⊗ Maximum exposition temperature: 230°C.

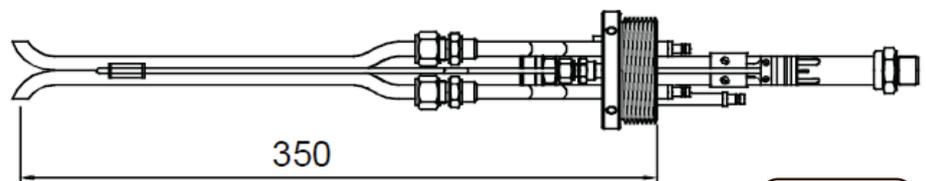
COMPONENTS

Inox sampling head

P/N AC99-097-0000SP

The sampling head includes:

- Suction tube;
- Pitot tube "S";
- Thermocouple type K with seal;
- Suction tube for gas analysis (ex.O₂).



0,7 kg





Inox extension tube

The extension tube is completely built in inox stainless steel and includes the polarised joint.

The standard extension tube is 1.5 meter long and its diam. is 60 mm, but on request also different length are available.

P/N AC99-097-0010SP



Useful Length
1500 mm **3,8 kg**

Umbilical Cable

The umbilical cable assembles the tubes and the thermocouple cable coming from the sampling head in one sheath. It's provided with quick connectors on the Pitot differential pressure tube and on the gas analysis tube.

The suction tube in reinforced PTFE and is equipped with a cone shaped joint with metal seal connector.

Length of Umbilical	P/N
7 meters	AC99-097-0020SP
9 meters	AC99-097-0021SP
Length of PTFE suction	P/N
7 meters	AC99-097-0025SP
9 meters	AC99-097-0026SP

Slide and lock device

The slide and lock device incorporates a special flange plate that allows the joint of any type of flange as long as the distance between the holes (dimension "A") is between 160-220 mm.

The mounting of the probes with this slide and lock device requires a flange-plate and a 4" nozzle welded on the stack. The insert of the probe with its filterholder and Pitot tube, may be done with the slide and lock device bolted at the stack.

P/N AC99-097-0030SP

