



Isokinetic Probes

Standard Integrated Stack Sampling Probes

Main characteristics:

- Maximum temperature: 800 °C
- ISO 9096 full compliant
- Gaskets free
- Metal to metal joints
- Complete built in Inox Aisi 316 stainless steel



The one-block probe consists of a suction tube, an "S" Pitot tube and a temperature measure probe.

The end of the "S" Pitot tube is removable from the probe body which allows easy replacement.

Each Pitot tube is marked with a serial number to be identified in case of individual calibration request.

The rear end of suction tube has been equipped with a leak proof cone shaped connection for obtaining a good seal also in case of high temperature.

The outside connections of the probe are quick release connectors for the static pressure of the "S" Pitot tube and for the suction tube for gas analysis.

The thermocouple has a compensated unified connector with screen.

The special design, and the compactness of the realisation of the integrated probe ensure long life.

In addition probes up to 5 m length can be handled with relative ease.

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

One-block integrated stack sampling probe for lengths up to 2,5 meters

The one-block probe is provided with an external circular tube diameter 38 mm and available in the following lengths:

Usible length "L" mm	P/N
1000	AC99-098-0151SP
1500	AC99-098-0152SP
2000	AC99-098-0153SP
2500	AC99-098-0154SP

Accessories

Flame off cylinder and cylinder cap

The standardized dimension flame off cylinder is generally welded at the stack.

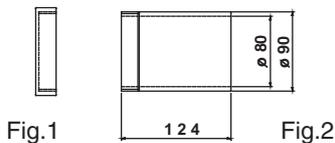
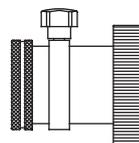


Fig.1"Cap" P/N AC99-100-0301SN
Fig.2"Cylinder" P/N AC99-100-0300SN

Slide and lock device

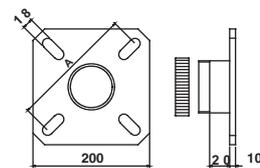
This device includes a locking ring which locates and locks onto a flame off cylinder.



P/N AC99-100-0211SP

Universal Flange

The universal flange terminates with a threaded pipe which is compatible with the locking ring.



P/N AD99-000-0000SP

One-block integrated stack sampling probe for lengths up to 3 meters

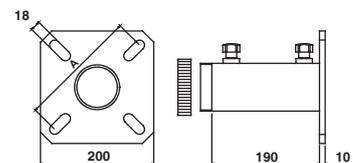
The one-block probe is provided with an external circular tube diameter 45 mm and available in the following lengths:

Length	P/N (useful "L" mm)
3000	AC99-098-0165SP
4000	AC99-098-0167SP
5000	AC99-098-0169SP
<i>Other lengths on request</i>	

Accessories

Slide and lock device

The probes longer than 3 meters and have external diameter more than 45 mm, are utilized with a slide and lock device, that is realized in light alloy and supplied with a universal flange plate of greater dimensions and consistency for supporting the probe.



P/N AC99-100-0212SP