



## Standard Integrated Stack Sampling Probes

### Isokinetic Probes



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 an 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 integrated probe ensure long life.

In addition, probes up to 5 m length can be handled easily.

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

### Main Features

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

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

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

Length (mm) « L »	P/N
1000	AC99-098-0151SP
1500	AC99-098-0152SP
2000	AC99-098-0153SP
2500	AC99-098-0154SP





### Accessories

#### Flame off cylinder and cap

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

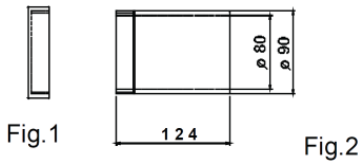
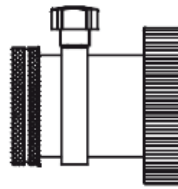


Fig.1 Cap: AC99-100-0301SN  
Fig.2 Cylinder: AC99-100-0300SN

#### Slide and lock device

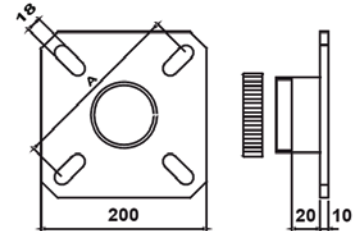
This device includes a locking ring which locates and locks onto a flame off cylinder.



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 length up to 5 meters

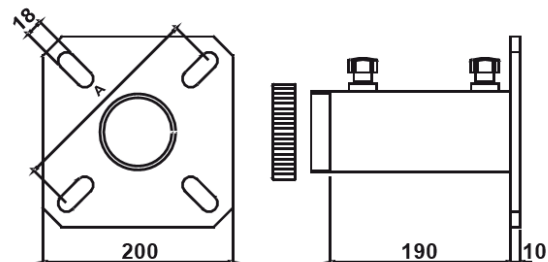
The one-block probe is provided with an external circular tube diameter 45 mm and available in the following length.

Length	P/N
3000	AC99-098-0165SP
4000	AC99-098-0167SP
5000	AC99-098-0169SP

### Accessories

#### Slide and lock device

The probes longer than 3 meters and with an external diameter larger than 45 mm, are used 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