



Sampling probe ES 1

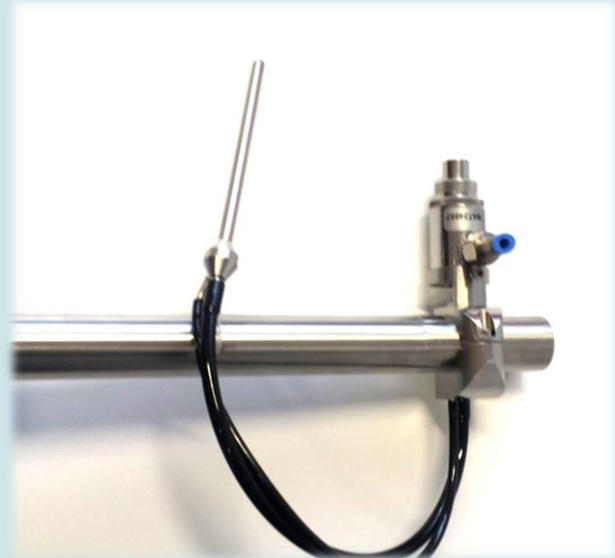
The ES1 sampling probe fits all probe models and was specifically developed for applications where the entire probe cannot be introduced into the process. This is the case with very small process containers, very small material quantities, packings and situations with poor accessibility in general.

The sampling probe is also suitable for working up/measuring very fine particles in packings or processes.

To carry out the measurement, compressed air is used to extract the material from the process chamber or packing material, with the option of then feeding it back in once the measurement is complete. As well as transporting the material, special nozzle arrangements within the probe tube also ensure a gentle dispersion of the material. This treatment ensures that the material can be reliably measured even under difficult conditions.

There is also the option of an additional extension for returning the material to the process chamber using compressed air.

To prevent blockages, the inlet can also be automatically blown out by means of an air pulse.



➤ Technical details	
Accessories for probe models	IPP 70, 75 and 80
Particle size measurement range	50...1000 µm
Particle velocity measurement range	0.01 ... 100 m/s
Products	Solid particles from processes or packings
Suction tube dimensions (length/diameter)	Length 90 mm, outer diameter 6 mm/inner diameter 3 mm
Assembly of measuring body with suction pump	Screw connection in probe's measuring volume and self-adjusting clamp on the circumference of the probe tube
Materials coming into contact with product	Stainless steel (L316)
Weight	Approx. 300 g

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