



Cooling and Condensing Devices

These devices have been realized especially to protect the sampler from the excessive heat and the condense in fumes that could damage the pump and the dry gas meter. They are used also for the determination of the moisture in fumes.

TCR Tecora offers different solutions to satisfy different stack sampling and analysis requirements.

Portable Cooling and Moisture Device

Cooling and moisture collecting system with glass impingers.

This solution solves the double task of cooling the sampled gas and moisture collecting for the determination of water vapour contents in fumes.

Realized into a robust, portable and athermic container, it can be used with water/ice.

A useful handle allows to carry the device. It has been realized to allow the use with the cover closed, taking advantages of the isolating capability offered by the special box.

Inside the container there are four impingers (two with plate and two with straight tube) located hanging on an aluminium rack.

Quick connectors for gas inlet and outlet.





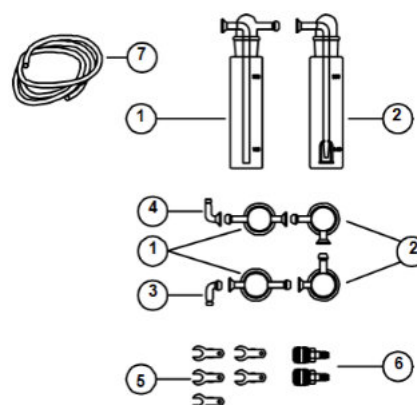
Cooling Device without glass impingers

AD99-001-0201SP

Set of 4 impingers

AD99-001-0202KP

1.	500 cc glass impinger with straight tube	AD99-008-0110SN
2.	500 cc glass impinger with plate	AD99-008-0111SN
3.	Male glass spherical hosebarb	AC99-090-99997SN
4.	Female glass spherical hosebarb	999VE150
5.	n°5 lock clips for spherical hosebarb	AD99-001-0211KR
6.	Fast connector on gas outlet	999EA420
7.	Silicone tube 0.9 m length	999SA009
8.	Set of n°10 O-rings	999UA101



1 Liter Capacity Silica Gel Trap



The silica gel trap of 1 liter capacity is made of transparent plastic, allowing the verification of the saturation state of the silica gel.

In order to avoid the silica dust to enter the sampler, the trap incorporates a polyurethane foam filter.

1 Liter Capacity	P/N AD99-012-0010SP
200 ml Capacity	P/N AB99-006-0000SP

2

