



"Calidaptor" Calibration Adaptor

Operating Instructions

391-01 "Calidaptor" Calibration Adaptor

This Calidaptor is designed for use with the following sampling heads:

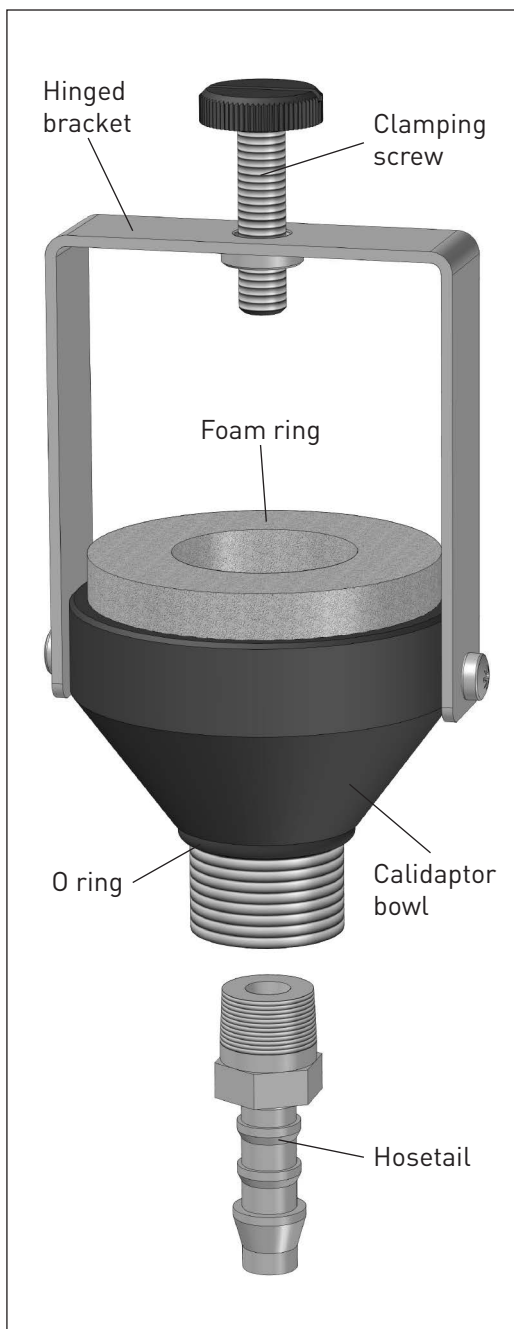
- 225-70A I.O.M. inhalable sampling head in plastic with plastic filter cassette
- 225-76A I.O.M. inhalable sampling head in stainless steel with stainless steel filter cassette
- 225-79A I.O.M. inhalable sampling head in plastic with stainless steel filter cassette
- 225-50 Seven hole sampling head
- 225-52 Single hole sampling head

A Calidaptor designed specifically for use with the cowled asbestos heads is also available [part no. 391-05].

The SKC Calidaptor allows the flow setting of a sampling train without the problems of holding the head, pump and adjusting the flow all at the same time.

A hinged bracket and clamping screw hold the sampling head securely against a closed pore foam ring providing a leak proof joint.

The Calidaptor can either be screwed directly into the outlet of SKC rotameters (390, 391, 392 and 393 series only) with an 'O' ring providing a leak proof joint, or connected to other flow measuring devices using the supplied screw-in hoesail and a length of flexible tubing.



Use with SKC rotameters

The Calidaptor is screwed into the top (outlet port) of the rotameter, tightening enough to just compress the 'O' ring sealing it to the rotameter.

Pass the sampling head through the hinged bracket, and rest its inlet against the foam ring. Clamp the sampling head in place with the plastic clamping screw until the foam ring is compressed by approximately 1mm.

Connect the sample head outlet hosetail to the pump inlet with a length of tubing.

Use with other sampling heads

With the Calidaptor fitted to the top of an SKC rotameter, screw the supplied hosetail fitting into the threaded hole inside the Calidaptor bowl. Connect from the hosetail to the inlet of the sampling head with a length of flexible tubing.

Note: If subsequently calibrating an I.O.M. (or similar) sampler, especially if used with a foam insert, ensure that the hosetail is removed from inside the Calidaptor bowl.

Use with other types of calibrator

The Calidaptor can be used as described above, with any other type of flow calibrator, by screwing the supplied hosetail into the threaded hole in the inlet of the Calidaptor. Connect from the hosetail to the flow calibrator with a length of flexible tubing.

