

ASP-40 Piston Tube Pump

A precision piston style air sampling pump to simplify the measurements with the Uniphos detector tubes.

- Precise 100 ml per stroke (includes optional 50 ml stroke)
- Positive end-of-flow indicator on the handle
- Built-in tube tip opener
- Light weight, easy to operate



Features

Piston and barrel air sampling pump for on the spot results

Accurate one half or full (100 ml) stroke

End-of-flow indicator black -> white

Built-in tube tip cutter

Benefits

A highly reproducible sample volume is drawn through the detector tube each time. The detector tube discolors in the presence of the target gas with the resulting stain interpreted directly by the scale on the tube.

The pump shaft is calibrated with marks at 50 and 100 ml, guaranteeing a precise sample volume for all measurements using Uniphos detector tubes.

The flow indicator on the end of the pump handle is grayish-black while the pump is under vacuum and pulling a sample through a tube. Upon completion of the stroke cycle, the indicator pops, becoming white, signifying the end of the stroke cycle. Typical stroke cycle is 1-2 minutes.

The handy tip cutter on the front of the pump is used to break the tips of the detector tube before it is inserted into the rubber tube connector (inlet of the pump).

Other benefits include: Pump includes a wrist strap to tether the pump and reduce the potential of drops in those hard to reach areas or when sampling on a ladder or cat walk. Ergonomic design and easy to use. The kit includes grease and replacement inlets for the occasional maintenance.



Technical Data

Dimensions	216 x 51 mm (8.5 x 2.0 in)
Weight	310 g (10.9 oz)
Stroke volume	100 ml standard or 50 ml for a half stroke
Duration per stroke	Varies by tube from 1 to 3 minutes
Ambient Temperature	-20 °C to 50 °C (-4 °F to 122 °F)
Ambient Humidity	0 to 95% RH (non-condensing)
Ambient Pressure	See tube instructions for relevant compensation factor

Ordering Information

	Global Part #
ASP-40 pump kit (pump, case & rebuild kit)	ASP-40K
Tip breaker for detector tubes	D5085012
Rebuild kit (2 inlet adapter, 2 plunger gaskets & grease)	ASP-40S01
Tip collector flap	ASP-40S06

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