

## Single Tube Holders

For 222/Workhorse Pumps and Pocket Pumps

*tubing for sampling  
trains and other  
applications  
see page 28*



### Tool Kit

Includes scissors, pliers, file, 2 slot-  
ted screwdrivers, 2 Phillips screw-  
drivers, forceps, and charcoal pick

Cat. No. .... 376-01-01

### Sampling Labels

Labels include space for sample  
number, date, flow, pump number,  
time on, and time off, pk/500

Cat. No. .... 225-1370

### Septum Vials

3.7-ml glass vial with  
screw-on molded plastic  
cap. Fit Vial Rack Cat. No.  
226-04-1. *Vial rack not in-  
cluded. Contact SKC for or-  
dering information on rack.*



Septum Vials, 3.7 ml, pk/100

Cat. No. .... 226-02A

SKC Low Flow Single Tube Holders — the most widely used in the in-  
dustry — assure a positive seal between the sample pump and the sample  
tube. These all-in-one holders each include a holder with tubing and a  
lightweight protective tube cover with collar clip. Choose the appropriate  
holder by matching the tube cover letter in the tube selection chart (*pages  
41 to 44*) with the cover letter in the chart below. Use these holders with  
Pocket Pump and 222/Workhorse pumps only for single-tube sampling.  
*For multiple-tube sampling using the Pocket Pump, see Adjustable Low Flow  
Holders on page 51.*

Cover	Tube Specifications	Cat. No.
A	Standard 6-mm OD x 70-mm length	222-3-1
B	7- or 8-mm OD x 110-mm length	222-3L-1
C	10-mm OD x 150-mm length	222-3XL-1
D	10-mm OD x 220-mm length and shorter tubes	222-3XD-1
T	Tandem style, for color detector tubes up to 115 mm long and a trap tube, see p. 44 for trap tubes	222-3D-1



*Low flow tube  
holder, tubing,  
and cover with  
clip shown.*

## Specialty Tube Holders

### OVS Tube Holder

OSHA Versatile Sampler (OVS)  
Tubes are typically used at a higher  
flow rate (1.0 L/min) and are suitable  
for use with personal sample pumps.  
The special OVS Tube Holder is de-  
signed to accommodate the 13-mm  
diameter of SKC OVS Tubes, provide  
a convenient clip to attach tube in the  
breathing zone, and to protect the  
tube during sampling.



### OVS Tube Holder

*Do not use an Adjustable Low Flow Holder*

Cat. No. .... 224-29V

### Low-volume PUF Tube Holder

Low-volume PUF tubes are typically  
used at a flow rate higher than standard  
sorbent tubes (1 to 5 L/min) and are  
suitable for use with personal sample  
pumps. Therefore, a special tube holder  
is used in place of the Adjustable Low  
Flow Holder. The Low-volume PUF  
Tube Holder is also specially designed  
to accommodate the large diameter  
(22 mm) and long length (100 mm) of  
SKC Low-volume PUF Tubes.



### Low-volume PUF Tube Holder

*Do not use an Adjustable Low Flow Holder*

Cat. No. .... 224-29P

### Tube Breakers

Description	Cat. No.
<b>Breaker/Capper</b> , size S for 6- and 7-mm OD tubes size L for 8- and 10-mm OD tubes	222-3-50 222-3-51
<b>Tube Scorer/Breaker</b> , for 6-mm OD; scores and breaks the end tips off glass tubes resulting in a clean, smooth opening	800-01200



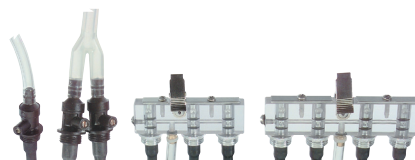
## Adjustable Multiple Tube Holders

Allow Multi-tasking in the Field

### Adjustable Low Flow Holders

- ▶ No need for two pumps — adapt higher flow pumps to the 5 to 500 ml/min range
- ▶ Collect multiple contaminants with one sampling train
- ▶ Collect side-by-side TWA and STEL samples
- ▶ Perform replicate sampling
- ▶ Use long-duration detector tubes and sorbent tubes side by side
- ▶ Collect multiple samples at different flow rates

SKC Adjustable Low Flow Tube Holders allow higher flow pumps to sample in the 5 to 500 ml/min flow range and provide for multiple tube sampling. Flow rate can be adjusted using the convenient flow adjust screw on the holder. Protective tube covers are sold separately. *Some pumps also require a CPC. See Tech Tips below right. Not suitable for use with the 222/Workhorse Pump.*



Type	Cat. No.
Single	224-26-01
Dual	224-26-02
Tri	224-26-03
Quad	224-26-04

### Constant Pressure Controllers (CPCs)

Constant Pressure Controllers regulate the pressure maintained across an orifice in a sampling train. A CPC is used in conjunction with the Adjustable Low Flow Holders above for 5 to 500 ml/min operation of the pumps listed below.

Pump Model	Cat. No.
AirChek 2000, AirChek XR5000, and AirChek 52/Sidekick	224-26-CPC
Pocket Pump and AirLite	224-26CPC-10

Also available in Low Flow Adapter Kits listed at right.

### Low Flow (5 to 500 ml/min) Adapter Kits

Include Constant Pressure Controller (CPC), single Adjustable Low Flow Holder, and Type A tube cover

Pump Model	Cat. No.
AirLite	110-500
AirChek 52/Sidekick, AirChek XR5000, and AirChek 2000	210-500

## ABOUT

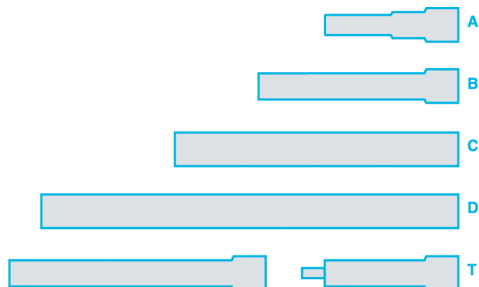
### The Function of CPCs

- The CPC, placed in line between the Adjustable Low Flow Holder and the pump inlet, regulates the specific amount of pressure to be maintained across the needle valve(s) on the supply (pressure) end of the sampling train.
- During sampling, a valve inside the CPC opens and pulls additional air into the train on the pump (vacuum) end of the CPC as needed to maintain the CPC-specified pressure across the needle valve(s).



## Protective Tube Covers

Choose the appropriate protective tube cover by matching the tube cover letter in the tube selection chart (pages 41 to 44) with the cover letter in the chart below. Collar clips are attached for your convenience. *Tube Covers A to D and T are suitable for use with SKC Adjustable Low Flow Holders only.*



Cover	Tube Specifications	Cat. No.
A	6-mm OD x 70-mm length	224-29A
B	8-mm OD x 110-mm length	224-29B
C	10-mm OD x 150-mm length	224-29C
D	10-mm OD x 220-mm length	224-29D
T	Tandem style, for color detector tubes up to 115-mm length and a trap tube, see p. 44 for trap tubes	224-29T
V	OVS Tubes, do not use an adjustable low flow holder, see p. 50	224-29V
P	Low-volume PUF, do not use an adjustable low flow holder, see p. 50	224-29P

## Tech Tips

### Using CPCs

- ▶ Use a CPC and Adjustable Low Flow Holder for sampling in the 5 to 500 ml/min flow range with AirChek 2000, AirChek XR5000, AirChek 52/Sidekick, and AirLite Pumps.
- ▶ Universal pumps do **not** require a CPC as they have an internal adjustment for low flow sampling.