ANALYT MESSTECHNIK



INSTRUCTIONS FOR USE

SKC Filter Cassette Holder 225-1

Parts of the SKC filter cassette holder 225-1 and how to load 37 mm and 25 mm cassettes, with or without a cyclone or a cowl.

AMTC-IN-0004

Rev. 2 · October 2026

About this document

The SKC filter cassette holder, catalogue number 225-1, clips to the worker's collar and holds the filter cassette while you sample. SKC's own leaflet calls it the Cassette/Cyclone Holder. One holder takes 37 mm and 25 mm cassettes of two or three pieces, on their own or assembled with a cyclone, and 25 mm cassettes with a cowl.

These instructions name the parts of the holder in Product and supplied items (p. 4) and show, in Before use (p. 5), how to fit each type of cassette. They do not cover the sample pump, the calibration of the flow or the sampling method; follow the instructions for your pump and the method you sample to.

Keep these instructions for the lifetime of the product. The current revision is on the product page at analyt-mtc.com.

Document information

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Revision history

Rev.	Date	Change
2	October 2026	Quality programme: new document type, number and identity pages.
1	October 2026	First issue.

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CHAPTER 1

Product and supplied items

The cassette sits in the base of the holder, inlet side down, over the large hole. A spring-loaded hold-down plate presses it into place from above. The adapter on the end of the tubing passes through the small hole in the plate and plugs into the cassette outlet. When you sample with a cyclone, its stem hangs through the large hole and a nodule on its rim engages the notch in the base.

The parts in Figure 1-1 (p. 4):

1. **Collar clip**, to attach the holder to the worker's collar.
2. **Adapter** for the cassette outlet, on the end of the tubing.
3. **Hold-down plate**, spring-loaded.
4. **Small hole** in the plate, for the cassette outlet.
5. **Large hole** in the base, for the cassette inlet and the cyclone.
6. **Notch** for the cyclone, at the right-hand front of the base ring.

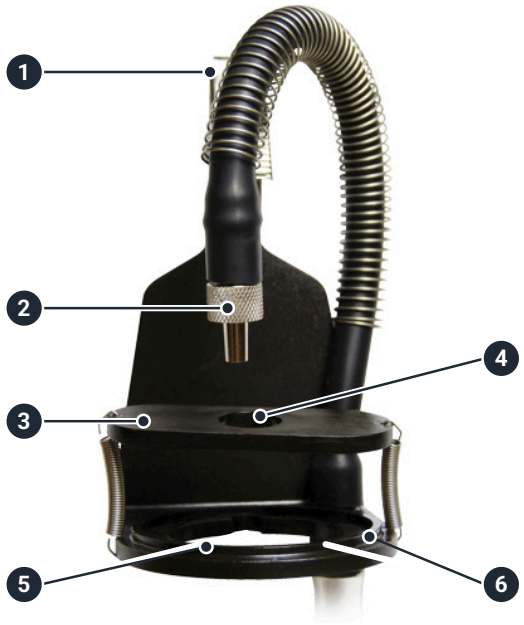


Figure 1-1. The holder 225-1, with its parts numbered as in the list beside it.

What the holder takes

Cassette	Extra part	Procedure
37 mm, two or three pieces, without cyclone	—	A (p. 5)
25 mm or 37 mm, assembled with a cyclone	The cyclone	B (p. 5)
25 mm, two or three pieces, without cowl	O-ring supplied with the holder	C (p. 5)
25 mm with cowl (asbestos cassette)	O-ring supplied with the holder	D (p. 5)

Supplied with the holder

The holder 225-1 comes with 1/4 in tubing, fitted with the outlet adapter; the collar clip; and a 25 mm adaptor ring. For 25 mm cassettes, procedures C and D use the O-ring supplied with the holder.

CHAPTER 2

Before use

Load the cassette with the filter already in it. Procedure A is the basic one; the other procedures refer back to it. The photo beside each procedure shows the loaded holder.

A. 37 mm cassette, two or three pieces, without cyclone

1. Pull the spring-loaded hold-down plate back.
2. Set the loaded cassette over the large hole in the base, inlet side down.
3. Let the plate down so that its small hole lies over the cassette outlet.
4. Push the adapter on the end of the tubing through the hold-down plate and into the cassette outlet.



Figure 2-1. 37 mm cassette.

B. 25 mm or 37 mm cassette with cyclone

1. With the cassette already assembled on the cyclone, pass the stem of the cyclone down through the large hole in the base.
2. Secure the cassette with the hold-down plate and connect the adapter, as in procedure A (p. 5).
3. Engage the small round nodule on the rim of the cyclone in the notch in the holder.



Figure 2-2. With cyclone.

C. 25 mm cassette, two or three pieces, without cowl

1. Fit the cassette into the O-ring supplied with the holder.
2. Slide the O-ring to the joint between two sections of the cassette.
3. Set the cassette into the holder, as in procedure A (p. 5).



Figure 2-3. 25 mm cassette.

D. 25 mm cassette with cowl (asbestos cassette)

1. Take the inlet section off the cassette.
2. Fit the cowl into the O-ring supplied with the holder.
3. Slide the O-ring to the joint between the cowl and the cassette.
4. Push the cowl down through the large hole in the base until the O-ring rests on the holder.
5. Secure the cassette with the hold-down plate and connect the adapter, as in procedure A (p. 5).



Figure 2-4. 25 mm, with cowl.

CHAPTER 3

Ordering information

Order from Analyt-MTC with the order code.

For spare parts and any other version, contact Analyt-MTC (see Service and contacts (p. 7)).

Item	Order code
Filter cassette holder for two- and three-piece cassettes, with tubing, collar clip and 25 mm adaptor ring	225-1

CHAPTER 4

Service and contacts

Contact and support

ANALYT-MTC Messtechnik GmbH

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Before you call

Have the following at hand so Analyt-MTC can help you quickly:

- the catalogue number of the holder, 225-1;
- the cassette size and type you use, and whether you sample with a cyclone or a cowl;
- the sample pump the holder is connected to.

Order the holder and spare parts from Analyt-MTC with the SKC catalogue numbers. Questions about the holder, warranty matters and returns also go to Analyt-MTC; its contact details are above and on the back cover.

Disposal

Dispose of the holder under local regulations; separate metal, glass and plastic parts for recycling where possible.

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