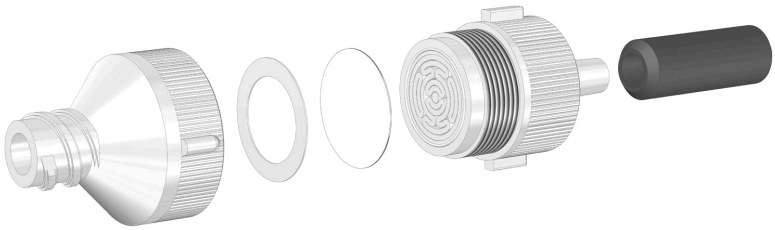
ANALYT MESSTECHNIK



INSTRUCTIONS FOR USE

SKC Swinnex Sampling Kit

Kit contents, parts and assembly of the SKC Swinnex 13 mm sampling cassette, kit 225-8050K, for face-level air sampling.

AMTC-IN-0005

Rev. 2 · October 2026

About this document

These instructions cover the SKC Swinnex sampling kit 225-8050K: what the kit contains, the parts of the 13 mm cassette, and how to load a filter, close the cassette and connect it to the sampling tubing for face-level sampling.

Check the delivery against the contents list in the chapter Product and supplied items (p. 4), then follow the chapters Before use (p. 5) and Procedure (p. 6). The flow rate, the sampling time and the analysis are set by the sampling method you follow; these instructions do not cover them.

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

How these instructions mark information

Note
Information that helps understanding; never a hazard.

Document information

Title	SKC Swinnex Sampling Kit — Instructions for use
Document number	AMTC-IN-0005
Revision	Rev. 2 — October 2026
Applies to	SKC Swinnex sampling kit 225-8050K (13 mm cassette)
Language	English
Manufacturer	SKC Inc.

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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Contents

1 **Product and supplied items** 4

Check the contents 4

Know the parts 4

2 **Before use** 5

Load and close the cassette 5

3 **Procedure** 6

Connect and position the sampler 6

4 **Ordering information** 7

5 **Service and contacts** 8

Disposal 8

CHAPTER 1

Product and supplied items

Check the contents

The SKC Swinnex sampling kit 225-8050K comes with the following parts. Check the delivery against this list.

Item	Quantity
Swinnex 13 mm cassette, two-piece	10
Tubing adaptor	10
13 mm mixed cellulose ester (MCE) filter, 5 µm pore size	100

Know the parts

Each cassette has two sections that screw together. The filter lies on the support face of the outlet section, the seal sits on top of it, and the inlet section closes the cassette. The tubing adaptor fits over the hose nipple of the outlet section and takes the sampling tubing.

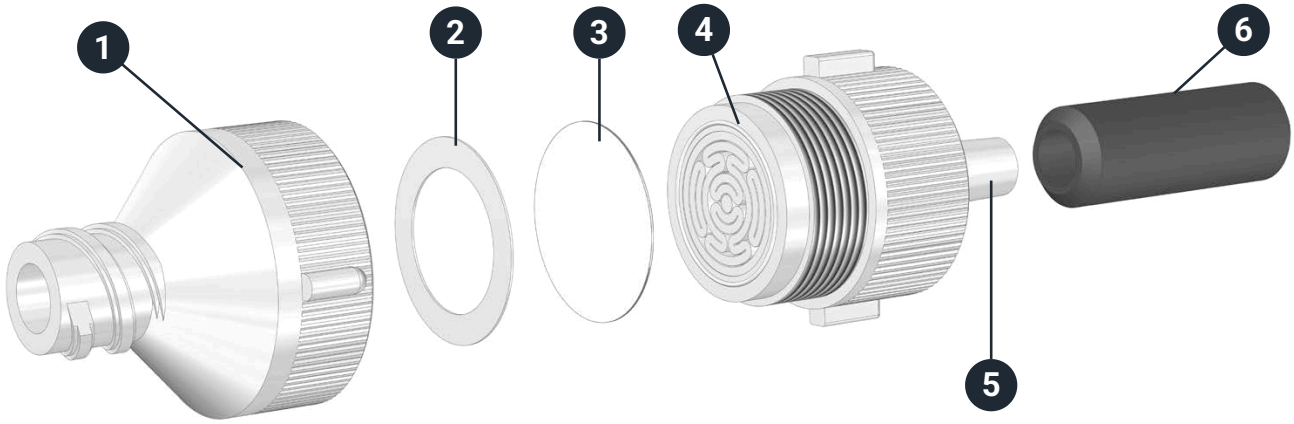


Figure 1-1. The 13 mm cassette, taken apart. (1) Inlet section. (2) Seal. (3) 13 mm filter. (4) Outlet section with the filter support. (5) Hose nipple. (6) Tubing adaptor, for 1/4 in bore Tygon tubing.

CHAPTER 2

Before use

Load and close the cassette

The numbers in brackets refer to Figure 1-1 (p. 4).

1. Unscrew the inlet section (1) from the outlet section (4).
2. Lay a 13 mm filter (3) flat on the support face of the outlet section.
3. Place the seal (2) on the filter.
4. Screw the inlet section back onto the outlet section, so that the seal holds the filter in place.
5. Push the tubing adaptor (6) onto the hose nipple (5) of the outlet section.

CHAPTER 3

Procedure

Connect and position the sampler

1. Push one end of the 1/4 in bore Tygon tubing (225-13-4A) onto the tubing adaptor.
2. Connect the other end of the tubing to the sample pump.
3. Place the cassette at face level.
4. Lead the tubing back over the ear and down behind the neck to the pump, as in Figure 3-1 (p. 6).

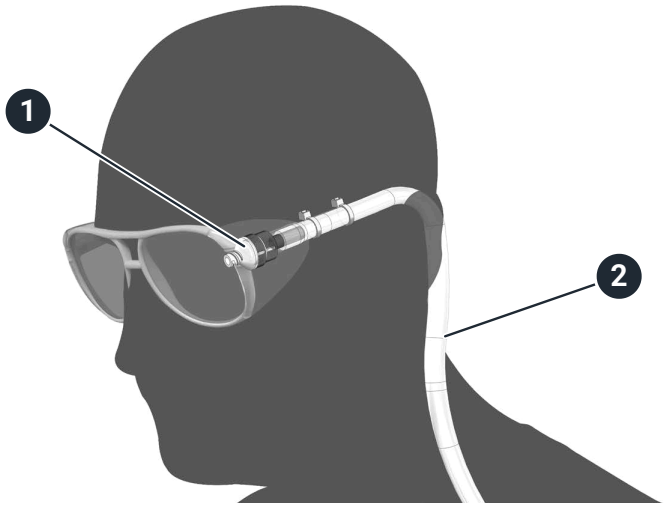


Figure 3-1. The sampler in use. (1) Assembled cassette at face level, here on the side of a pair of safety glasses. (2) Tygon tubing 225-13-4A to the sample pump (not in the kit).

Set the flow rate and the sampling time on the pump as the sampling method you follow requires.

CHAPTER 4

Ordering information

Order from Analyt-MTC with the order codes.

Item	Order code
SKC Swinnex sampling kit (contents above)	225-8050K
13 mm MCE filter, 5 µm, box of 100 (re-order)	225-8050
Tygon tubing, 1/4 in bore (not in the kit)	225-13-4A

Note
The kit contains no tubing. Order the 1/4 in bore Tygon tubing 225-13-4A separately to connect the cassette to the sample pump.

CHAPTER 5

Service and contacts

Contact and support

ANALYT-MTC Messtechnik GmbH

German Headquarters

Klosterrunsstraße 18, 79379 Müllheim
Germany

+49 7631 5545

info@analyt-mtc.de

French Subsidiary

175 Avenue d'Alsace, 68000 Colmar
France

+33 3 89 41 47 78

info@analyt-mtc.fr

www.analyt-mtc.com

Before you call

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

- the kit part number, 225-8050K, or the part number of the item you need;
- the sample pump and the sampling method you use;
- what you were doing, and what went wrong.

Contact Analyt-MTC for replacement cassettes, filters and tubing, and for technical support with your SKC Swinnex sampling kit. Have the part numbers ready; they are listed under Ordering information (p. 7). The Analyt-MTC contact details are above and on the back cover.

Disposal

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

ANALYT-MTC Messtechnik GmbH

Sales, service and calibration

German Headquarters
Klosterrunsstraße 18, 79379 Müllheim
Germany
+49 7631 5545
info@analyt-mtc.de

French Subsidiary
175 Avenue d'Alsace, 68000 Colmar
France
+33 3 89 41 47 78
info@analyt-mtc.fr

www.analyt-mtc.com

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