ANALYT MESSTECHNIK



INSTRUCTIONS FOR USE

SKC IOM Sampler O-Rings P22570

Which of the four O-rings in set P22570 your SKC IOM Sampler needs, and where each one goes, for the samplers 225‑70A, 225‑76A and 225‑79A with plastic or stainless steel cassettes.

AMTC-IN-0020

About this document

These instructions cover the O-ring set P22570 for the SKC IOM Sampler. The set holds four O-rings in two sizes. Not every sampler needs all four: the model of your sampler and the cassette you use in it decide which rings go where.

Chapter 1, Product and supplied items (p. 4), shows the three ring positions, A, B and C. Chapter 2, Before use (p. 5), tells you which ring belongs in each position for your sampler and cassette and how to fit the rings. For everything else about the sampler, such as loading the filter and sampling, see the operating instructions of the IOM sampler.

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

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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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CHAPTER 1

Product and supplied items

The O-ring set P22570

Set P22570 holds two O-rings in each of two sizes. These instructions call the large one O-ring 1 and the small one O-ring 2.

Name in these instructions	Size	In the set
O-ring 1	large diameter	2
O-ring 2	small diameter	2

Depending on your sampler and cassette you need two, three or all four rings. The section Which O-ring goes where (p. 5) lists the count for each combination.

The three ring positions

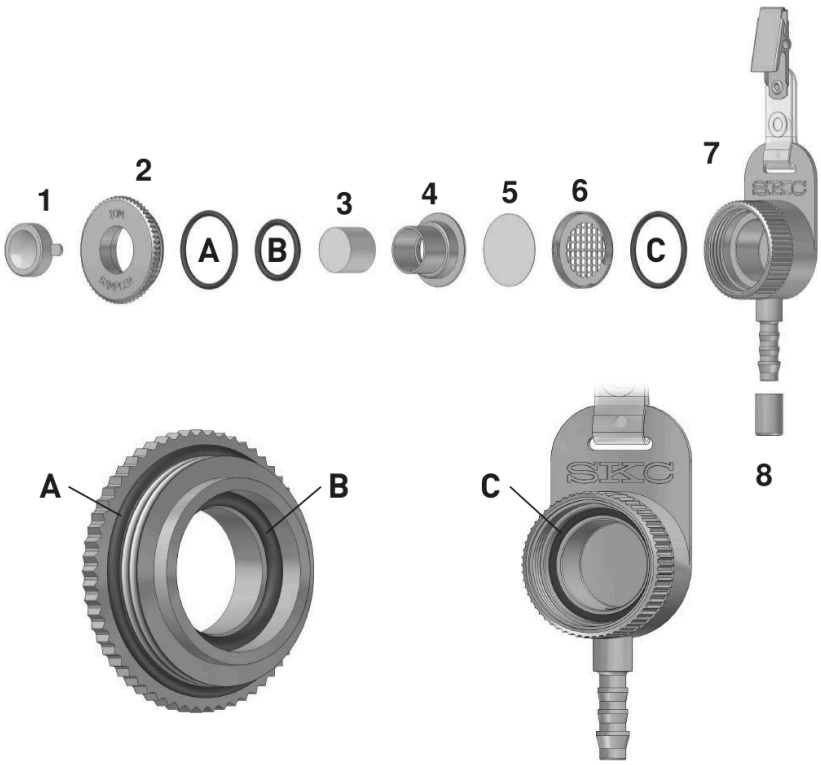


Figure 1-1. O-ring positions in the IOM sampler. Top: exploded view. (1) Cassette sealing cap. (2) Front plate. (3) Foam insert. (4) Cassette inlet. (5) Filter. (6) Cassette filter support grid. (7) Sampler body. (8) Dust cap. Bottom left: rear view of the front plate with rings A and B fitted. Bottom right: sampler body with ring C fitted.

- **Position A**, on the front plate (2): see the rear view of the front plate at the bottom left of Figure 1-1.
- **Position B**, in the recess in the front plate (2), also shown in the rear view at the bottom left of Figure 1-1.
- **Position C**, in the sampler body (7), between the sampler body and the cassette filter support grid (6), as shown at the bottom right of Figure 1-1.

CHAPTER 2

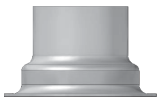
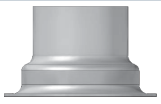
Before use

Which O-ring goes where

Find your sampler model in Table 2-1 (p. 5), then the row of the cassette you use in it. Columns A, B and C give the ring for each position of Figure 1-1 (p. 4).

The cassettes differ in material, in the height of the inlet (short, 13 mm, or tall, 15 mm) and, for the tall stainless steel cassette, in the year of manufacture: before 2005 or from 2005 on.

Table 2-1. O-rings by sampler model and cassette variant

	Cassette	A	B	C	Rings
225-70A PLASTIC IOM SAMPLER					
	Plastic, short (13 mm) inlet	O-ring 1	O-ring 2	O-ring 1	3
	Plastic, tall (15 mm) inlet	O-ring 1	O-ring 2	O-ring 1	3
225-76A STAINLESS STEEL IOM SAMPLER					
	Stainless steel, tall (15 mm) inlet, made before 2005	O-ring 1	**Two** O-ring 2, stacked	none	3
	Stainless steel, tall (15 mm) inlet, made from 2005	O-ring 1	O-ring 2	none	2
225-79A PLASTIC IOM SAMPLER					
	Stainless steel, short (13 mm) inlet	O-ring 1	O-ring 2	O-ring 1	3
	Stainless steel, tall (15 mm) inlet, made before 2005	O-ring 1	**Two** O-ring 2, stacked	O-ring 1	4
	Stainless steel, tall (15 mm) inlet, made from 2005	O-ring 1	O-ring 2	O-ring 1	3

Note
The stainless steel cassette with the short inlet is not designed for the stainless steel sampler 225-76A. Table 2-1 therefore lists it only under the plastic sampler 225-79A.

Fitting the O-rings

1. Identify your sampler model and the cassette you use in it.
2. Look up the sampler model and cassette in Table 2-1 (p. 5).
3. Fit the ring the table gives for position A, as shown in Figure 1-1 (p. 4).
4. Fit the ring for position B into the recess in the front plate. Where the table says *Two O-ring 2, stacked* (the tall stainless steel cassette made before 2005), lay both small rings into this recess, one on top of the other.
5. Fit the ring for position C in the sampler body, as shown in Figure 1-1. Where the table says *none*, position C stays empty.
6. Compare the front plate and the sampler body with the lower half of Figure 1-1.

CHAPTER 3

Ordering information

Order from Analyt-MTC with the order codes.

Order codes

Description	Pack	Order code
IOM Sampler O-rings: two O-ring 1, two O-ring 2	set of 4	P22570
IOM Sampler replacement front plate	1	225-70H
IOM Sampler replacement front plate, stainless steel	1	225-76H

CHAPTER 4

Service and contacts

The SKC IOM Sampler O-ring set P22570 is made by SKC. Analyt-MTC is your contact for it: ordering O-rings, samplers, cassettes and spare parts, and technical support.

Contact and support

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Before you call

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

- the catalogue number of your sampler: 225-70A, 225-76A or 225-79A;
- the cassette you use: plastic or stainless steel, short or tall inlet;
- for a tall stainless steel cassette, whether it was made before 2005.

Disposal

Dispose of used O-rings and their packaging under local regulations.

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