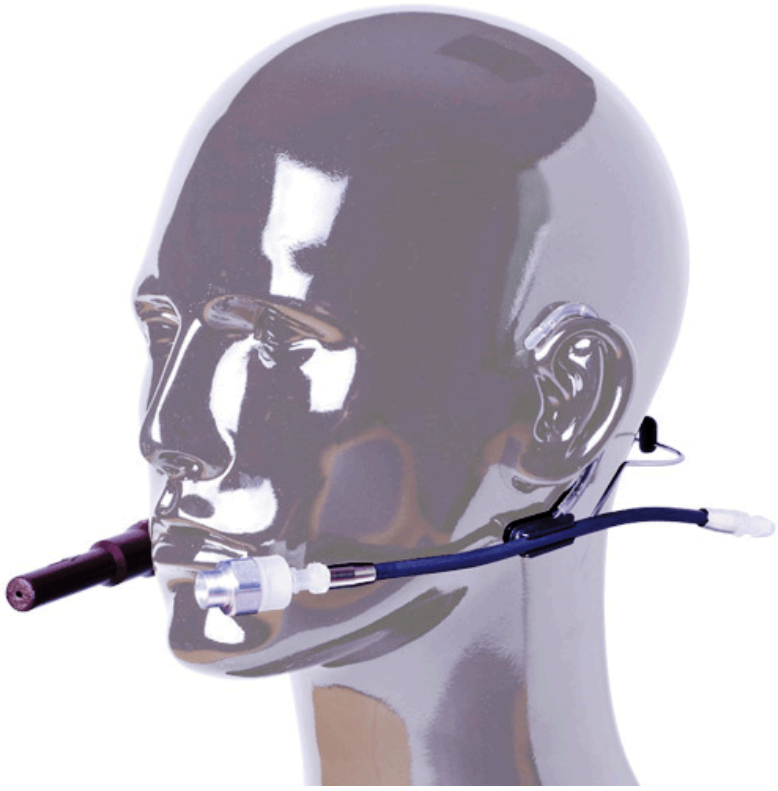
ANALYT MESSTECHNIK



INSTRUCTIONS FOR USE

SKC Face Level Sampling Headset

Kit contents, assembly and fitting of the SKC Face Level Sampling Headset 225-6200, which holds one or two air samplers close to the worker's mouth and nose, also under a face shield.

AMTC-IN-0012

About this document

The SKC Face Level Sampling Headset 225-6200 holds one or two air samplers on the worker's head, close to the mouth and nose. Each sampler sits on a positionable gooseneck tube, and the sample air is drawn through the bore of that tube to the pump. Because the samplers stay in place under a protective face shield or similar equipment, the headset suits work where such equipment is put on and taken off during the shift.

These instructions list what the kit contains and show how to assemble the headset and fit it to the worker. Check the delivery against Product and supplied items (p. 5), then follow Before use (p. 6) and Procedure (p. 7). The flow rate, the sampling time and the analysis are set by the sampling method you follow and by the operating manual of your pump; these instructions do not cover them.

The headset was developed in a research project carried out at Stockholm University, Sweden, and partly funded by the Swedish Work Environment Authority.

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

NOTICE

Practices not related to personal injury — damage to the product, the process or the sample.

Note
Information that helps understanding; never a hazard.

Document information

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Applies to	SKC Face Level Sampling Headset 225-6200
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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

Safety

Read the safety message in this chapter before you fit the headset to a worker. It appears again at the step it belongs to.

Intended use

The SKC Face Level Sampling Headset 225-6200 holds one or two air samplers on the worker's head, close to the mouth and nose. The samplers sit on positionable gooseneck tubes, and the sample air is drawn through the bore of the tubes to the sample pump. The headset suits work where the worker puts on a protective face shield or similar equipment from time to time.

Safety messages

NOTICE

Loose tubing can hinder the worker's movements, and the worker can block or kink it by accident. A blocked or kinked tube spoils the sample. Position and secure the tubing so that it stays clear of the worker's movements.

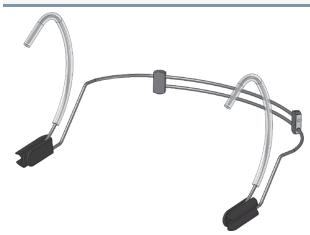
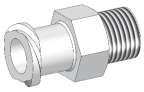
CHAPTER 2

Product and supplied items

The SKC Face Level Sampling Headset 225-6200 holds one or two air samplers on the worker's head, close to the mouth and nose. It suits work in which the worker has to wear a protective face shield or similar equipment from time to time.

Check the contents

The SKC Face Level Sampling Headset 225-6200 comes with the parts below. Check the delivery against this list.

Item	Description	Quantity
	Headset frame	1
	Positionable gooseneck tube, with a 1/4-28 UNF female threaded fitting at each end	2
	Adapter fitting, Luer-Lok female to 1/4-28 UNF male thread	4

Know the parts

The **frame** rests on the head. Its width is adjustable, and its padded wires pass around the ears. On either side of the frame is a black plastic **mounting clip** with a slotted recess in its side; a gooseneck tube presses into that recess.

Each **gooseneck tube** carries one sampler. It bends to put the sampler inlet where you need it and holds that position, and the sample air flows through its bore from the sampler end to the outlet end. The four **adapter fittings** have a male 1/4-28 UNF thread that screws into a tube end and a female Luer-Lok socket. Fit the ones you need, as described in Before use (p. 6).

CHAPTER 3

Before use

Assemble the headset before the worker puts it on, then fit it, place the samplers and connect the pumps. Use one gooseneck tube for one sampler, or both tubes for two samplers.

Assemble the headset

1. Screw the adapter fittings you need into the gooseneck tube or tubes, then fit the air sampler or samplers onto the adapter fittings.
2. Press each gooseneck tube carefully into the slotted recess in the side of a black plastic mounting clip, one on each side of the frame. Figure 3-1 (p. 6) shows the result.



Figure 3-1. Assembled headset with a gooseneck tube in each mounting clip and a sampler fitted to each tube.

CHAPTER 4

Procedure

Fit it to the worker

> **Note**
> **Take the headset off before you move a tube in its clip.** Considerable force can be needed to press a gooseneck tube into a mounting clip, so remove the headset from the worker first.

1. Adjust the width of the frame carefully to the size of the worker's head.
2. Put the frame on, passing the padded wires carefully around the ears.
3. Check that the frame sits comfortably.
4. Bend the gooseneck tubes until the sampler inlets are where you need them.
5. Have the worker put on any protective equipment, such as a protective face shield.
6. Check that the protective equipment does not push the samplers out of position.
7. If it does, readjust the samplers.

NOTICE

Loose tubing can hinder the worker's movements, and the worker can block or kink it by accident. A blocked or kinked tube spoils the sample. Position and secure the tubing so that it stays clear of the worker's movements.

8. Connect the outlet end of each gooseneck tube to its sample pump, worn at the waist, with suitable flexible tubing.
9. Lead the tubing over the shoulders and down the back.
10. Secure the tubing on the worker’s back.

Set the flow rate and the sampling time on the pump as the sampling method you follow requires, and calibrate as described in the operating manual of your pump.

CHAPTER 5

Ordering information

Order from Analyt-MTC with the order codes.

Item	Order code
SKC Face Level Sampling Headset (contents above)	225-6200
ACCESSORIES, NOT IN THE KIT	
Mini Sampler with tubing	225-6201
Tube holder and cover	225-6220
Calibration adaptor with tubing, for the Mini Sampler	225-6202

CHAPTER 6

Service and contacts

Contact and support

ANALYT-MTC Messtechnik GmbH

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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 headset part number, 225-6200, or the part number of the item you need;
- the samplers and the sample pump you use;
- which part is missing, damaged or does not fit.

Contact Analyt-MTC for replacement parts, samplers and accessories, and for technical support with your SKC Face Level Sampling Headset. Have the part numbers ready from Ordering information (p. 8); Analyt-MTC's contact details are above and on the back cover.

Disposal

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

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