ANALYT MESSTECHNIK



QUICK START GUIDE

SKC AirChek XR5000 Sample Pump

The keypad, the key sequences and the user setup functions of the SKC AirChek XR5000 sample pump: switching on and off, run and hold, keypad lock, flow adjustment, timed run and run delay.

AMTC-QG-0004

Read this first

The full safety information is in the Safety chapter of the *SKC AirChek XR5000 Sample Pump — Operating manual* (AMTC-MN-0039). Not following it can cause an explosion in a hazardous location, a fire or burns. The two warnings below are repeated from that chapter. You can download the operating manual from the product page at analyt-mtc.com.

This guide is a keypad reference for the SKC AirChek XR5000 sample pump. It shows what the three keys do, how to switch the pump on and off, start and hold a run and lock the keypad, and how to use the user setup functions to clear the run time, adjust the flow, and set a timed run or a delayed start. Keep it with the pump.

First use (p. 5) covers daily use with the keypad, and its part User setup functions (p. 6) the settings you make before a run. Charging, the battery, flow rate verification and the cautions for hazardous locations are in the operating manual of the pump; read it before you use the pump for the first time.

A pump listed for intrinsic safety carries the cULus Listed mark on its label. It keeps the listing only on one of these battery packs, identified by the catalogue number on the battery label:

- high-power (4-cell) Li-Ion battery pack: P85004B;
- standard (2-cell) Li-Ion battery pack: P85002B.

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

WARNING

Charging the pump, or running it from the charger, in a hazardous location can ignite an explosive atmosphere. So can a pump without the cULus Listed mark, or one powered from another battery pack or device, because it is not covered by the UL listing for intrinsic safety. This can cause an explosion. Before you take the pump into a hazardous location, check that the pump label carries the cULus Listed mark and that the battery label carries one of the catalogue numbers above. Never charge the pump, or run it from the charger, in a hazardous location. Power the pump only from an approved battery pack.

WARNING

A damaged, short-circuited or overheated battery pack can start a fire and cause burns. Tampering with the pack, or using a repaired or rebuilt pack, also voids the warranty and the UL listing for intrinsic safety. Do not open, disassemble, short-circuit or crush the battery pack, and do not burn it or expose it to fire or high temperatures. Do not tamper with the battery pack, and do not use a repaired or rebuilt pack.

How keys are written

✱	The star key.
▲ ▼	The up and down arrow keys.
✱ ▲	Keys written one after the other: press them one at a time, in that order.
[✱▲]	Keys in square brackets: press them at the same time.

How this guide marks information

WARNING

A hazardous situation which, if not avoided, could result in death or serious injury.

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

Title	SKC AirChek XR5000 Sample Pump — Quick start guide
Document number	AMTC-QG-0004
Revision	Rev. 2 — October 2026
Applies to	SKC AirChek XR5000 sample pump, models 210-5001 (4-cell battery pack) and 210-5002 (2-cell battery pack)
Language	English
Manufacturer	SKC Inc.
Related documents	SKC AirChek XR5000 Sample Pump — Operating manual (AMTC-MN-0039)

Revision history

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

SKC and AirChek are trademarks of their owners. Information in this guide is subject to change without notice. © 2026 ANALYT-MTC Messtechnik GmbH. All rights reserved.

Contents

1 **First use** 5

The keys 5

Switch the pump on and off 5

Start and hold a run 5

Lock the keypad 6

User setup functions 6

Open and leave the functions 6

Clear the accumulated run time 6

Adjust the flow rate 7

Set a timed run 7

Set a run delay 7

2 **Where to find more** 8

Related documents 8

CHAPTER 1

First use

Note
Before you charge the pump or take it into a hazardous location, read the notes and cautions in the operating manual of the SKC AirChek XR5000.

The keys

The pump has three keys below the display. The arrow keys change a value; the star key moves through the settings and switches the pump on and off. Pressed together, the two arrow keys start and hold a run.

Key	What it does
▯	Moves to the next function in the user setup functions.
▯ ▯	Raise or lower the flow rate, the timed run and the run delay time.
[▯▯]	Switches between Run and Hold, and leaves the user setup functions.
▯▯▯▯	Security code: opens the user setup functions. Works only when the pump is not running.

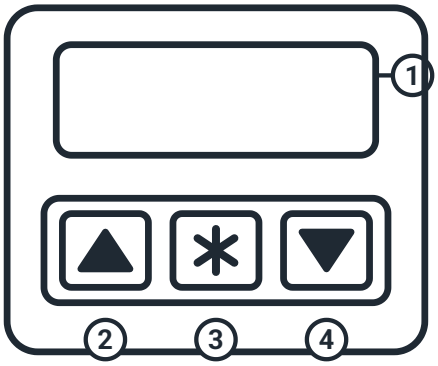


Figure 1-1. Keypad. (1) Display. (2) Up arrow key ▯. (3) Star key ▯. (4) Down arrow key ▯.

Note
A **flashing blue LED** shows that the pump is running, or that a run delay is in progress. Several actions in this guide work only when the pump is not running, that is, when the blue LED is not flashing.

Switch the pump on and off

- **On:** press and hold ▯.
- **Off:** press and hold ▯ until the countdown on the display has finished.
- **Auto-off:** the pump switches itself off after 5 minutes without activity.

Start and hold a run

1. With the pump not running (blue LED not flashing), press [▯▯]. The pump runs.
2. When the sample is complete, press [▯▯] again. The pump goes to Hold.

Each press of [▯▯] switches the pump between Run and Hold. If a run delay is set, the first press starts the delay instead (see Set a run delay (p. 7)).

Lock the keypad

Lock the keypad, or unlock it again.

- **Lock:** press ▯ five times quickly.
- **Unlock:** press ▯ five times quickly again.

User setup functions

The user setup functions hold the settings you make before a run: clearing the accumulated run time, adjusting the flow, a timed run and a run delay. They are opened with a security code.

Open and leave the functions

- **Open:** with the pump not running (blue LED not flashing), press ▯▯▯▯, one key after the other.
- **Move on:** press ▯ until the function you want appears on the display.
- **Leave:** press **[▯▯]**. The pump is ready. Press **[▯▯]** again to run the pump, or to start the run delay if one is set.

Table 1-1. User setup functions, in the order they appear

Function	The display shows	Press	Result
Clear accumulated run time Only appears when there is accumulated run time.	CLr, with Hold flashing	**[▯▯]**	Clears the run and the run time and leaves the functions. Press **[▯▯]** to run the pump.
Adjust flow rate[1]	"---", with ADJ Flow flashing	▯ or ▯, then **[▯▯]** to leave	Raises or lowers the flow. Press **[▯▯]** to run the pump.
Set timed run[2]	Set Timed Run and min, flashing	▯ or ▯, then **[▯▯]** to leave	Raises or lowers the minutes. Press **[▯▯]** to run the pump.
Set run delay[2]	Set Run Delay and min, flashing	▯ or ▯, then **[▯▯]** to leave	Raises or lowers the minutes. Press **[▯▯]** to start the run delay: the blue LED flashes and the pump starts when the delay has run out.

[1] Changing the flow rate in the user setup functions does **not** clear the accumulated run time.
[2] Changing the timed run or the run delay in the user setup functions **does** clear the accumulated run time.

Clear the accumulated run time

1. With the pump not running, press ▯▯▯▯.
2. Press ▯ until the display shows CLr with Hold flashing. The function only appears if the pump has accumulated run time.
3. Press **[▯▯]**. The run and the run time are cleared and you leave the functions.
4. Press **[▯▯]** to run the pump.

Adjust the flow rate

> **Note**
> The display shows dashes, not the flow rate. Set and verify the flow against a flowmeter as described in the operating manual. Adjusting the flow keeps the accumulated run time.

1. With the pump not running, press ▯▯▯▯.
2. Press ▯ until the display shows “---” with ADJ Flow flashing.
3. Press ▯ to raise or ▯ to lower the flow.
4. Press [▯▯] to leave the functions.
5. Press [▯▯] again to run the pump.

NOTICE

Changing the timed run or the run delay clears the accumulated run time. Note the run time first if you still need it.

Set a timed run

1. With the pump not running, press ▯▯▯▯.
2. Press ▯ until Set Timed Run and min flash on the display.
3. Press ▯ or ▯ to raise or lower the run time in minutes.
4. Press [▯▯] to leave the functions.
5. Press [▯▯] again to run the pump.

Set a run delay

1. With the pump not running, press ▯▯▯▯.
2. Press ▯ until Set Run Delay and min flash on the display.
3. Press ▯ or ▯ to raise or lower the delay in minutes.
4. Press [▯▯] to leave the functions.
5. Press [▯▯] again to start the run delay. The blue LED flashes, and the pump starts when the delay has run out.

CHAPTER 2

Where to find more

This guide covers the keypad and the user setup functions. The documents below go further; you can download them from the product page at analyt-mtc.com, or ask Analyt-MTC.

Related documents

Document	Number	What it covers
SKC AirChek XR5000 Sample Pump — Operating manual	AMTC-MN-0039	The full safety information, charging, the battery, flow rate verification and the cautions for hazardous locations.
SKC AirChek XR5000 Sample Pump — Technical data sheet	AMTC-SS-0041	Specifications, run times, battery options, kits and accessories of the pump.

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 model and the serial number of the pump;
- the battery pack fitted, 2-cell or 4-cell;
- what you were doing, and what the display showed.

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

AMTC-QG-0004 · Rev. 2 · 2026-10

© 2026 ANALYT-MTC Messtechnik GmbH. All rights reserved. Subject to technical changes without notice.