

QUICK START GUIDE

SKC AirChek Connect Sample Pump

The parts of the pump, charging, switching on, the Main Menu, and starting, pausing and stopping a sample with the SKC AirChek Connect touch screen sample pump.

AMTC-QG-0016

Rev. 1 · October 2026

Read this first

The full safety information is in the Safety chapter of the operating manual (AMTC-MN-0036). The installation and operation cautions are in the technical note AMTC-TN-0004, the caution guide supplied with the pump. Read them and the safety cautions below before you charge or run the pump. Not following them can damage the pump and impair its intrinsic safety. You can download both documents from the product page at analyt-mtc.com.

The SKC AirChek Connect is a touch screen sample pump. This guide takes you from the box to your first sample: the parts of the pump, charging the battery pack, switching on, the Main menu, and starting, pausing and stopping a sample. It does not replace the operating manual.

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

How this guide marks information

WARNING

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

Safety cautions

WARNING

Service beyond the external parts can impair the performance of the pump and its intrinsic safety. In a hazardous location, the pump can then ignite an explosive atmosphere. Replace only the inlet filter, the battery pack, the protective screen cover and the belt clip yourself. Leave any other service to Analyt-MTC, and do not open the pumping compartment.

The warranty consequences of opening the pumping compartment are set out in Analyt-MTC's terms.

Document information

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Related documents	SKC AirChek Connect Sample Pump — Operating manual (AMTC-MN-0036); SKC AirChek Connect Sample Pump — Technical note (AMTC-TN-0004); SKC AirChek Connect Sample Pump — Technical data sheet (AMTC-SS-0039)

Revision history

Rev.	Date	Change
1	October 2026	First issue.

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CHAPTER 1

Supplied items

Check the contents

The AirChek Connect pump comes with a lithium-ion (Li-Ion) battery pack, an instruction manual and a mini screwdriver kit. The pump needs a charging cradle and a power supply, which are ordered separately or come in a kit. Check the delivery against your order; for the contents of a kit, ask Analyt-MTC.

Know the pump



Figure 1-1. AirChek Connect. A Protective screen cover. B Touch screen. C Pump status LEDs. D Pump inlet. E Belt clip. F Inlet housing with filter. G Battery pack. H Charging contacts for the charging cradle. I Power on/off button.

CHAPTER 2

First use

Charge the battery pack

Set up the charging cradle and its power supply, and charge the battery pack completely before you operate the pump. Recharging takes about 3 hours. The pump charges in a Standard Charging Cradle (220-800); one cradle runs from the Single Cradle Power Supply (220-600), and a chain of two to five cradles from the Multi Cradle Power Supply (220-700).

1. Connect the power supply: for **one cradle**, plug the Single Cradle Power Supply into the cradle; for **up to five cradles**, press the connectors of the cradles together to chain up to five Standard Charging Cradles, and plug the Multi Cradle Power Supply into the chain.
2. Plug the power supply into a 100–240 V wall outlet.
3. Line up the charging contacts on the pump (H) with the contacts in the cradle and set the pump in.
4. Wait about 3 hours and read the charge status on the cradle (below).

Reading the charge status

The left LED on the charging cradle shows the charge status. Watch it steadily for more than 5 seconds.

LED	Charge status
Steady red	Charging in progress.
Red for 3 s, then green for 1 s, repeating	About 75 % charged.
Steady green	Charging complete (trickle charge).

Operate the pump

Tap the screen buttons gently with a fingertip, in the active zones of the touch screen:

Area of the touch screen	Buttons
Four active zones	On-screen buttons one to four
Lower edge	Back, Up, Down and Main Menu

Main Menu

Touch ☰ on the touch screen to open the Main Menu, then touch the button for what you want to do:

Button	What it opens
Device	The device settings (**`History`**, **`Clock`**, **`Units`** and **`Screens`**), to view and choose the setting options.
Info	Information about the pump: firmware version, pump lifetime run time and volume, serial number and manufacture date.
Sample	Flow rate, flow rate verification and sampling.

Take the first sample

1. Press and briefly hold the power on/off button (I). The screen lights up and shows the Flow screen.
2. Lift the cover (A).
3. Touch the Main Menu button.
4. Touch **`Sample`**, then **`Flow`**.
5. Touch Run ▶ to start the sample.
6. Press the power on/off button (I) to dim and lock the screen while the pump runs.

During and after the sample run:

To	Do this
Unlock	Press the power on/off button (I) again: the screen brightens and unlocks.
Pause	Touch Pause ⏸. Touch Run to resume.
Stop	Touch Stop ■. The Sample Summary is displayed; touch the Main Menu button to return to the Main Menu.
Turn off	When the pump is not running, press the power on/off button (I); the screen goes dark. The pump switches itself off after 5 minutes without any activity.

CHAPTER 3

Care and service

Service and spare parts

You may replace the external parts yourself: the inlet filter, the battery pack, the protective screen cover and the belt clip. Any other service is done by Analyt-MTC, so that the pump keeps its performance and its intrinsic safety (see Safety cautions (p. 2)). For service, calibration, repair and technical support, contact Analyt-MTC; the contact details are on the back cover.

Accessories

Order from Analyt-MTC with the order codes.

Accessory	Order code
Standard Charging Cradle; needs a power supply (below)	220-800
Single Cradle Power Supply, for one charging cradle, 100–240 V	220-600
Multi Cradle Power Supply, for 2–5 charging cradles, 100–240 V	220-700
DataTrac Pro USB Bluetooth Adapter for Bluetooth-connected pumps	877-94
Replacement battery pack, Li-Ion*	P75718A
Medium Flow chek-mate Flowmeter, 0.5–5 L/min, with a 9 V battery; calibration certificate traceable to UK standards	375-0550
The same, with a calibration certificate traceable to ISO standards	375-0550S
The same, with a calibration certificate traceable to NIST standards	Ask Analyt-MTC

* Li-Ion batteries are subject to special shipping regulations.

CHAPTER 4

Where to find more

This guide covers the first use of the pump. 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 Connect Sample Pump — Operating manual	AMTC-MN-0036	The full safety information and the complete operating instructions for the pump.
SKC AirChek Connect Sample Pump — Technical note	AMTC-TN-0004	The installation and operation cautions, and replacing the battery pack.
SKC AirChek Connect Sample Pump — Technical data sheet	AMTC-SS-0039	Specifications, kits and accessories of the pump.
SKC DataTrac Pro Software for Bluetooth-connected Pumps — Operating manual	AMTC-MN-0032	The DataTrac Pro software used with the USB Bluetooth Adapter 877-94.

Contact and support

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Before you call

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

- the serial number and firmware version of the pump, under **`Info`** in the Main Menu;
- what you were doing, and what the status LEDs or the screen showed.

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