ANALYT MESSTECHNIK



INSTRUCTIONS FOR USE

SKC Leland Legacy Battery Pack

How to change the lithium-ion battery pack of the SKC Leland Legacy sample pump without losing the pump history, and what to set up again afterwards.

AMTC-IN-0045

About this document

These instructions show how to replace the lithium-ion battery pack of the SKC Leland Legacy sample pump, Cat. No. 100-3002. The pack sits in the lower half of the back of the pump and is held by three screws; you change it with the screwdriver from the set supplied with the pump.

The pump records its history in memory, and removing the battery at the wrong moment can corrupt that history. Programs and keypad settings have to be set up again after the change. Read Safety (p. 4) and Before use (p. 5) first, then follow Procedure (p. 6) step by step.

Charging the battery, programming the pump and reading its history are described in the operating manual of the pump and in the *SKC DataTrac Software for the Leland Legacy Pump — Operating Manual*.

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

⚠ 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

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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

Safety

Read the safety messages in this chapter before you change the battery pack. Each message appears again in the chapter where its step is described.

Intended use

These instructions cover replacing the lithium-ion battery pack of the SKC Leland Legacy sample pump, Cat. No. 100-3002, with a battery pack that SKC approves for this pump, and charging it with an SKC-approved charger. A repaired or rebuilt battery pack is not approved.

Safety messages

⚠ WARNING

Charging the pump, or running it from its charger, in a hazardous location can ignite an explosive atmosphere. An ignition can cause fire, explosion or injury. Do not charge the pump, and do not run it from its charger, in a hazardous location. Charge it only in an area known to be non-hazardous.

NOTICE

Use approved parts only. A battery pack or charger that SKC has not approved voids the warranty. So does a repaired or rebuilt battery pack. With an unapproved pack or charger, the pump may not perform reliably. Fit only a battery pack approved by SKC for the Leland Legacy sample pump. Charge it only with an SKC-approved charger.

NOTICE

Let the pump sleep, then switch it off. Removing the battery pack while the pump is on or running may corrupt the pump history. The history is kept only once the pump has gone to sleep after the last run. Wait until the pump has gone to sleep, then switch it off before you remove the battery pack.

Failure to follow the warnings and cautions in these instructions voids the warranty.

CHAPTER 2

Before use

Safety and approved parts

⚠ WARNING

Charging the pump, or running it from its charger, in a hazardous location can ignite an explosive atmosphere. An ignition can cause fire, explosion or injury. Do not charge the pump, and do not run it from its charger, in a hazardous location. Charge it only in an area known to be non-hazardous.

NOTICE

Use approved parts only. A battery pack or charger that SKC has not approved voids the warranty. So does a repaired or rebuilt battery pack. With an unapproved pack or charger, the pump may not perform reliably. Fit only a battery pack approved by SKC for the Leland Legacy sample pump. Charge it only with an SKC-approved charger.

Failure to follow the warnings and cautions in these instructions voids the warranty.

Protect the pump history

The pump records every run in its history. Removing the battery at the wrong moment can damage that record.

NOTICE

Let the pump sleep, then switch it off. Removing the battery pack while the pump is on or running may corrupt the pump history. The history is kept only once the pump has gone to sleep after the last run. Wait until the pump has gone to sleep, then switch it off before you remove the battery pack.

What you will set up again

Note

After a battery change, set up the pump again before the next sample:

- programs loaded from a PC: load them again with DataTrac for Leland Legacy;
- settings made on the pump keypad, such as the sampling time and the delayed start: enter them again on the keypad.

What you need

- The new battery pack, P75692C (see Spare parts and accessories (p. 9)).
- The screwdriver from the set supplied with the pump.
- The SKC-approved charger, to charge the new pack.
- If the pump runs programs: a PC with DataTrac for Leland Legacy and its interface kit.

CHAPTER 3

Procedure

Remove the old pack

NOTICE

Let the pump sleep, then switch it off. Removing the battery pack while the pump is on or running may corrupt the pump history. The history is kept only once the pump has gone to sleep after the last run. Wait until the pump has gone to sleep, then switch it off before you remove the battery pack.

1. Make sure the pump has gone to sleep after its last run (see Protect the pump history (p. 5)).
2. Switch the pump off.
3. Hold the pump with its back towards you and the belt clip at the top, as in Figure 3-1 (p. 6).
4. Take out the three screws in the lower half of the back.
5. Keep the screws apart: the top screw is longer than the two bottom screws.
6. Grasp the battery pack and pull it up and away from the pump.

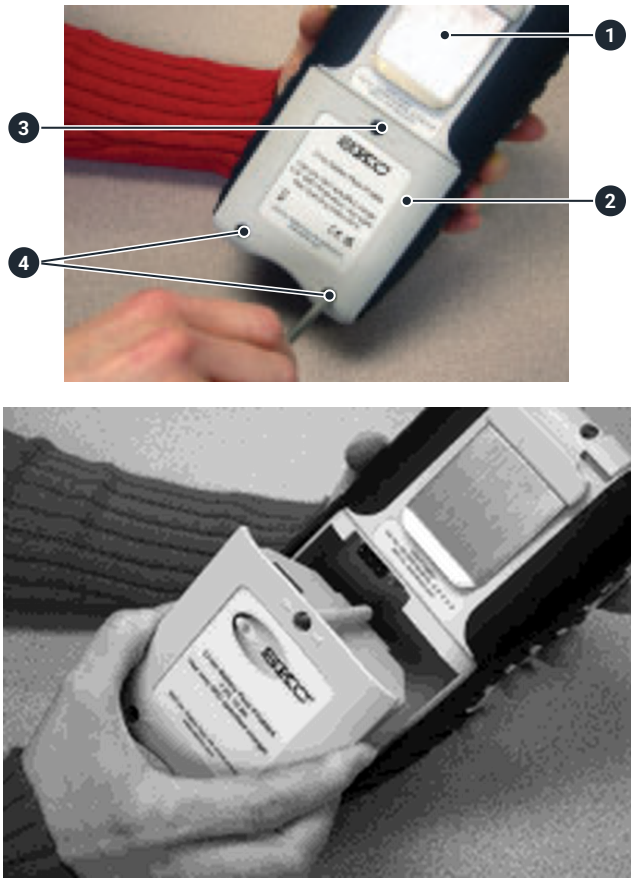


Figure 3-1. (a) Back of the pump with the battery pack fitted. (1) Belt clip. (2) Battery pack. (3) Top screw, the longest of the three. (4) Bottom screws. (b) Pulling the battery pack up and away from the pump body.

Fit the new pack

1. Line up the connector of the new battery pack with the connector in the pump body (Figure 3-2 (p. 7)).
2. Press the pack gently into the pump body until it sits flush with the pump case (Figure 3-3 (p. 7)).

> **Note**
> The longest of the three screws belongs in the top screw hole. Do not overtighten the screws.

3. Put the longest screw into the top screw hole and the two shorter screws into the bottom holes.

4 Tighten the three screws, but not too tightly.



Figure 3-2. Pump body with the battery pack removed. (1) Battery connector.



Figure 3-3. Pressing the new pack into the pump body.

CHAPTER 4

After use and sample handling

After the change

⚠ WARNING

Charging the pump, or running it from its charger, in a hazardous location can ignite an explosive atmosphere. An ignition can cause fire, explosion or injury. Do not charge the pump, and do not run it from its charger, in a hazardous location. Charge it only in an area known to be non-hazardous.

1. Charge the new battery pack with the SKC-approved charger, in a non-hazardous area, as described in the operating manual of the pump.
2. If the pump runs programs from a PC, load them into the pump again with DataTrac for Leland Legacy.
3. Enter again any settings that you made on the pump keypad, such as the sampling time and the delayed start.

Shipping the battery pack

Lithium-ion battery packs are subject to special shipping regulations. SKC states that the rechargeable lithium-ion batteries for its sample pumps have passed each test of the UN Manual of Tests and Criteria, Part III, subsection 38.3, and that they are rated below 100 Wh. Ask your carrier for the Lithium Battery Shipping Regulations UN 3480 and UN 3481 before you ship a pack.

Disposal

Do not dispose of the battery pack with household waste. Dispose of it as electrical and electronic equipment under local regulations (WEEE). Remove batteries first where fitted and dispose of them separately.

CHAPTER 5

Ordering information

Order from Analyt-MTC with the order codes.

Spare parts and accessories

Description	Order code
Replacement battery pack, Li-Ion, for the Leland Legacy sample pump	P75692C
Single charger, 100–240 V AC, with multiplug for UK, Europe, USA, Australia and New Zealand	223-241
Take Charge 5 multi-charger, for Leland Legacy and AirChek XR5000 Li-Ion pumps, 100–240 V AC	223-441
Battery charging adapter, for charging batteries outside the pump	223-248
DataTrac PC software and interface kit for the Leland Legacy	877-92K

CHAPTER 6

Service and contacts

The SKC Leland Legacy sample pump is made by SKC. Analyt-MTC is your contact for it: battery packs, chargers and spare parts, service, repair, technical support, warranty matters and returns.

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 of the pump;
- the catalogue number of the battery pack you use;
- what happened during or after the battery change, and what the pump display shows.

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