Quick Take 15

Operating Instructions
Catalog No. 228-9515

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Form #40076—Rev 0508

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QuickTake 15 Quick Guide

Terms »

Star Button ☀
Turns on LED, toggles between displays, and exits without saving.

Up and Down Arrow Buttons ▲▼
Scroll through presets, increase or decrease sampling parameters, and toggle between setup options

Button Sequence
▲ or ▼
[▲▼] = Press both simultaneously
☀▲▼☀ = Security code, press in sequence

Programming Sequences »

• **To activate pump LED:**
Press and hold ☀ for 2 seconds

• **To check battery status:**
Press ☀

• **To choose a run time preset:**
Press ▲ or ▼ to scroll through presets. Once desired preset displays, press [▲▼] to start sampling

• **To Run or Hold:**
Press [▲▼]

• **To repeat a sample run:**
From Done, reset (rSET), or sampling error (SErr), press [▲▼] to return to run time preset. Press [▲▼] to sample.

• **To change or calibrate flow:**
Note: Flow rate does not appear on LED.
Press ▲ or ▼ and scroll to a run time preset. Press and hold CAL for 2 seconds. (*Does not require a security code.*) Press ▲ or ▼ to change flow rate until desired flow appears on calibrator. Press ☀. When Stor displays, press [▲▼] to save setting or ☀ to ignore changes to flow setting.
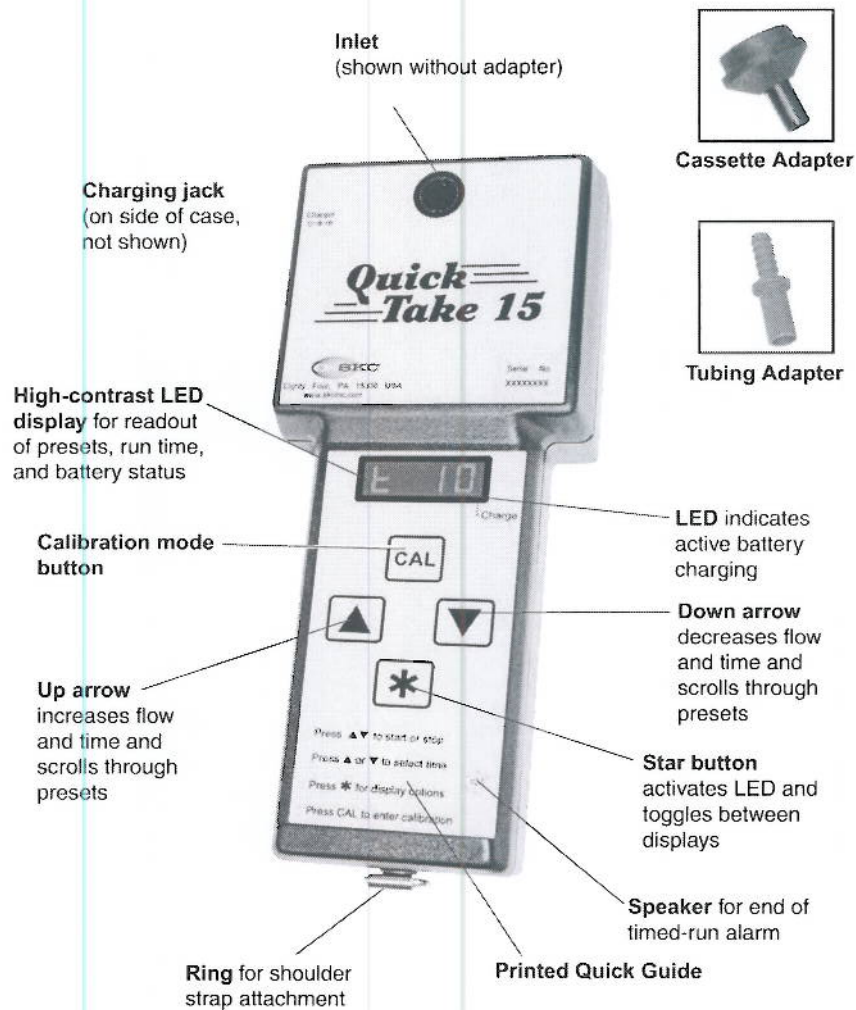
• **To interrupt run, terminate a sample, or reset pump:**
While in Hold, press ☀. Sample reset (rSEt) will display. Press [▲▼] to reset pump or ☀ to ignore reset and return to Hold

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Description

The QuickTake™ 15 is a portable, battery-powered air sampling pump designed specifically to provide constant airflow for the short sampling times required for mold screening. QuickTake 15 allows timed samples to be taken within the flow range of 5 to 15 L/min. A diaphragm pump operating with a closed loop flow control system, the QuickTake 15 maintains constant flow and is suitable for use with spore trap cassettes such as the VersaTrap or Air-O-Cell, wall cavity samplers, the BioStage 200 impactor, and filter cassettes including microvacuum cassettes. The QuickTake 15 features a programmable timer that provides up to eight programmable run time presets of 1 to 999 minutes, continuous run with manual shut-off, or intermittent sampling. A rechargeable lithium-ion battery pack provides run times up to four hours.

Inlet
(shown without adapter)

Cassette Adapter

Charging jack
(on side of case,
not shown)

Tubing Adapter

High-contrast LED
display for readout
of presets, run time,
and battery status

LED indicates
active battery
charging

Calibration mode
button

Down arrow
decreases flow
and time and
scrolls through
presets

Up arrow
increases flow
and time and
scrolls through
presets

Star button
activates LED and
toggles between
displays

Speaker for end of
timed-run alarm

Ring for shoulder
strap attachment

Printed Quick Guide

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QuickTake 15 Performance Profile

Flow range: 5 to 15 L/min

Flow compensation accuracy: ± 5% of set flow

Compensating flow back pressure range: 15 L/min at 5 inches water back pressure
5 L/min at 20 inches water back pressure

Typical Back Pressure of Sampling Media (*inches water*)

Flow Rate (L/min)	5.0	8.0	10.0	12.0	15.0
Filter/Pore Size (μm)					
37-mm MCE/0.8	11	18	22	28	36
37-mm PVC/5.0	4	7	9	11	15

Compare the information in this table to pump compensation range to determine appropriate applications.

Power: Rechargeable 7.2-volt lithium-ion (Li-Ion) battery (*see Li-Ion Battery Shipment on p. 4*), standard AC charger/adapter (115 V), or deluxe AC charger/adapter (100-240 V)

Battery recharge time: Approx. 5 hours

Typical Run time*: VersaTrap Cassette: 4 hours at 15 L/min

Run time features: User-selectable features, user-adjustable presets (*see Advanced Setup*)

    Preset timed runs: 1, 2, 5, 10, or 15 min

    Manually set continuous run with manual shut-off: 1 to 999 min (repeats 1 to 999-min runs indefinitely until user stops pump or power supply is depleted)

    Intermittent sampling: *See Advanced Setup*

Flow fault features: Flow fault features are available at the user's option. *See Advanced Setup.*

    Flow fault: Flow fault displays immediately. Pump shuts off after 5 seconds

    Fault restart: Pump attempts restart every 10 seconds up to five times

Media compatibility: VersaTrap and other bioaerosol cassettes, wall cavity samplers, BioStage® 200 impactor, and other filter cassettes including microvacuum cassettes

Housing: ABS plastic

Dimensions: 10.3 x 4.6 x 2.4 inches (26.2 x 11.7 x 6.1 cm)

Weight: 32 oz (907 g)

Approvals: CE (models with 223-245 charger only)

* *Results when tested with a new pump and new fully charged battery. Pump performance may vary.*

Li-Ion Battery Shipment

Rechargeable, lithium-Ion batteries for use with SKC sampling pumps have been tested in accordance with the UN manual of Tests and Criteria and are designated as UN3091.

For air shipments:

Rechargeable lithium-Ion batteries in SKC pumps are subject to the A-45 exemption to the IATA regulations and are not regulated for air shipments. This information must be written on the shipping document when shipping by air.

For ground shipments:

US DOT regulations specify a limit of 24 or fewer battery cells in one shipping box. If you exceed 12 QuickTake 15 pumps with battery packs in one shipping box, specific shipping requirements must be followed. Contact SKC for more information or refer to the regulatory authority in your area.

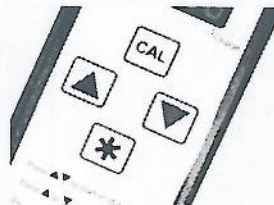Indicates a warning, caution, or note.

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Operation

Button Sequence

Buttons must be pressed in the sequence shown.

▲ or ▼

[▲▼] = Press both simultaneously

✳▲▼✳ = Security code, press in sequence

Operating the Pump

- **To activate LED:**
  Press and hold ✳ for 2 seconds.

- **To check battery status:**
  With the LED on, press ✳.

Battery Status Indicators

Full charge; approximately 75% to 100% battery capacity remaining.

| bAt.Ξ |

Battery is charged enough to operate the pump; approximately 25% to 75% battery capacity remaining.

| bAt.= |

Battery charge is low (charge battery); approximately 1% to 25% battery capacity remaining.
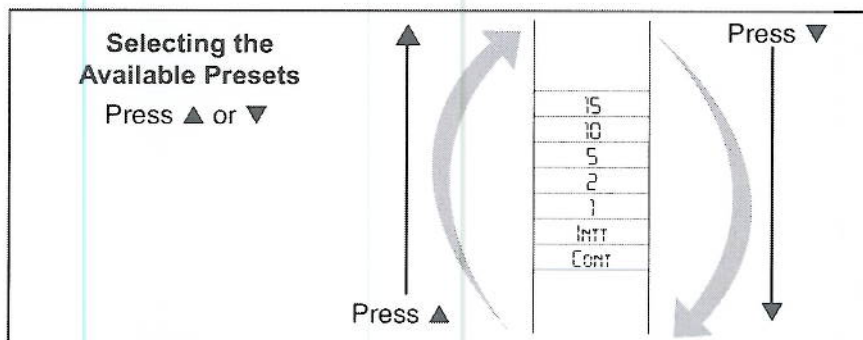
| bAt._ |

Low Battery Fault. Pump will stop running, beep, and go to sleep in 10 seconds.

| bAt.u |

AC Power Operation

The QuickTake 15 may be run using AC power with the AC charger/ adapter. Insert the charger plug into the jack on the pump and the charger into a standard wall outlet. Operate the pump. **Note: The charge light on the LED will flash if the battery is charging during AC operation.**

- **To navigate:**
  Press ▲ or ▼ to scroll through presets or displays.

- **To select a run time preset and run the pump:**
  Scroll to desired run time preset.
  Select preset by pressing [▲▼]. *The pump will start to run.*

```
Selecting the                          ▲                    Press ▼
Available Presets
                                      ┌──────┐
  Press ▲ or ▼                        │  15  │
                                      │  10  │
                                      │   5  │
                                      │   2  │
                                      │   1  │
                                      │ INTT │
                                      │ CONT │
                                      └──────┘
                    Press ▲           ▼
```

- **To run the pump:**
  Press [▲▼].

- **To place the pump in hold:**
  Press [▲▼].

- **To repeat a sample run:**
  From Done, reset (rSET), or sampling error (SErr), press [▲▼] to return to run time preset. Press [▲▼] to sample.

- **To turn off LED:**
  Pump automatically turns off LED after it is idle for 4 minutes. User can reactivate the LED by pressing and holding ✳.

- **To interrupt run, terminate a sample, or reset pump:**
  From Hold, press ✳. Sample reset (rSEt) will display. Press [▲▼] to reset pump or ✳ to ignore reset and return to Hold.

- **To set flow or calibrate:**
  See Calibration and Setting Flow Rate for details.
  1. Connect a flowmeter to the pump inlet.
  2. Press and hold CAL for 2 seconds to enter calibration mode (pump will start running).
  3. Press ▲ or ▼ to change flow rate until desired flow appears on the calibrator (*Flow rate does not display on LED*).
  4. Press ✳ and Stor will display. Press [▲▼] to save setting or ✳ to ignore changes.

Mounting Sampling Media

Sampling with a Filter Cassette or BioStage 200 Impactor

Use the tubing adapter supplied with the pump.

Insert the smooth end of the tubing adapter into the pump inlet up to the flange. Attach 3/8-inch ID tubing to the barbed section of the adapter. Attach tubing to the outlet of a sampling cassette, cassette holder, or BioStage 200 Impactor.
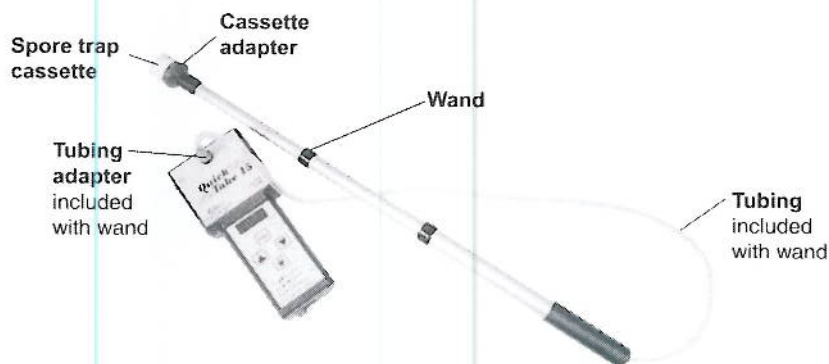
Sampling with Spore Traps

Use the Cassette Adapter supplied with the pump.

Empty cassette adapter

Cassette adapter with bioaerosol cassette

Insert the tube end of the adapter into the pump inlet up to the flange. Remove the seal from the outlet of a spore trap cassette and push the cassette onto the bowl end of the adapter until a firm seal is established.
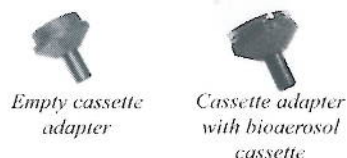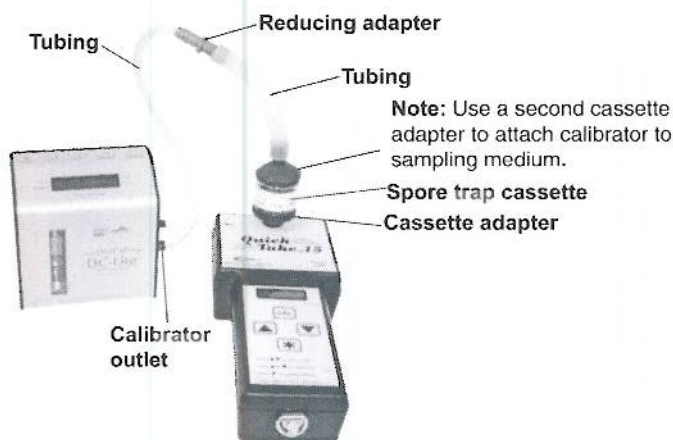
> **Calibration Note:** Flow rate can be calibrated by pushing the bowl end of a second cassette adapter onto a spore trap cassette inlet (seal removed), attaching flexible tubing to the tube end of the second adapter, and attaching the fly end of the flexible tubing to the outlet of a calibrator.

Sampling with Sampling Wand Accessory

Insert the tube end of a cassette adapter into hole on top end of the sampling wand accessory (*see above*) up to the flange. Push the outlet of a spore trap cassette onto the bowl end of the adapter until a firm seal is established. Insert the tubing adapter on the flexible tubing into the pump inlet up to the flange.

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Calibration and Setting Flow

Tubing

Reducing adapter

Tubing

Note: Use a second cassette adapter to attach calibrator to sampling medium.

Spore trap cassette

Cassette adapter

Calibrator outlet

Calibration with a spore trap cassette

Use a primary standard calibrator to calibrate pump flow rate.

Calibrate flow rate with representative sampling medium in-line.

1. Using 3/8-inch ID flexible tubing and appropriate adapters, connect the inlet of the pump to the outlet of a representative sampling medium and a primary standard calibrator to the inlet of the representative sampling medium (as shown above).

2. Scroll to any run time preset. Press and hold the CAL button for two seconds. The pump will start running and a flashing Cal will appear on the LED.

Digital display: Calibration mode

3. Press ▲ or ▼ to increase or decrease the flow until the desired flow rate is displayed on the calibrator.

4. Press ✱. A flashing Stor will appear on the LED.
   To save new setting: Press [▲▼]. The pump will stop running.
   To ignore new setting: Press ✱. The pump will stop running.

Digital display: Store setting

Note: A security code is not needed to change flow rate. It is only required when changing factory settings. To change factory settings see *Advanced Setup.*

Setup

Press ▲ or ▼ to scroll through the run time presets on the LED.

Run time Mode	LED Display
Timed Run (defaults: 15, 10, 5, 2, and 1 min)	t xx
Intermittent Sampling	Intt
Continuous Run	Cont

The user may change run time presets. *See Advanced Setup, Programming Your Own Run time Presets.*

Timed Run

Run time accumulates only while pump is running.

Timed Run mode is designed to perform one sample for a predetermined time from 1 to 999 minutes (presets). The user starts the pump running and the pump automatically stops running after the sample time has elapsed.

Digital display:
Timed Run 2 minutes

1. Press ▲ or ▼ to scroll to the desired run time preset.
2. Press [▲▼] to select the desired preset. The pump will start running and the LED will display a count down to zero (run time remaining below one minute is displayed in seconds with a colon). The pump will stop and beep four times. The display will flash Done.
3. Press ✳ to return to the run time preset display. If the user wishes to repeat the sample, press [▲▼].

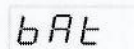*Digital display:*
Run time remaining is 2 seconds

Digital display:
Sample run completed

User Options During Timed Run Sampling
Viewing battery status

> Press ✳. Display will automatically return to run time remaining after five seconds or press ✳ again.

Hold mode

> Press [▲▼] while the sample is running to place the pump and timer in Hold. Run time remaining and Hold will display alternately. Press [▲▼] while in Hold to continue the sample run.

Terminating a sample and resetting the pump

> Press ✳ while in Hold. Sample Reset (rSEt) will flash on the LED.
>
> **To terminate sample and reset pump:** Press [▲▼].
> **To continue sample run:** Press ✳ to return the display to Hold. Press [▲▼].

Continuous Run with Manual Stop

Run time accumulates only while pump is running.

Continuous Run mode performs one sample from 1 to 999 minutes, then automatically resets to zero and counts up to 999 again until the user manually stops the pump.

`Cont`

*Digital display:
Continuous run*

1. Press ▲ or ▼ to scroll to Cont. Press [▲▼] to select it. The pump will start and the LED will display cumulative run time up to 59 seconds in seconds, then switch to minutes. The timer will count up to 999 minutes, automatically reset to zero, and count up to 999 minutes again until the user manually stops the pump.
2. Press [▲▼] to place the pump in Hold when the desired sampling time has elapsed. The LED will display cumulative run time and Hold alternately.
    To continue sample run: Press [▲▼].
    To terminate sample and reset pump: Press ✳ while in Hold. Sample Reset will flash on the LED. Press [▲▼].

User Options During Continuous Run Sampling
Viewing battery status

Press ✳. Display will automatically return to cumulative run time after five seconds or press ✳ again.

`bAt`

Hold mode

Press [▲▼] while the sample is running to place the pump and timer in Hold. Hold and cumulative run time will display alternately. Press [▲▼] while in Hold to continue the sample run.

`HoLd`

Terminating a sample and resetting the pump

Press ✳ while in Hold. Sample Reset (rSEt) will flash on the LED.

`rSEt`

To terminate sample and reset pump: Press [▲▼].
To continue sample run: Press ✳ to return the display to Hold. Press [▲▼].

For Intermittent Sampling, see Advanced Setup.

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Sampling

QuickTake 15 with cassette adapter and spore trap cassette

1. Ensure that the battery has sufficient capacity for the desired sampling time (*see Operation, Battery Status Indicators*).
2. Calibrate the QuickTake 15 for the desired flow rate (*see Calibration and Setting Flow*).
3. Place the pump in the sampling location.
4. Replace representative sampling medium used for calibration with a fresh unexposed sampling medium.
5. Press ▲ or ▼ to scroll to a run time preset. *See Timed Run, Continuous Run, or Intermittent Sampling.*
6. Once the desired preset is displayed, press [▲▼] to start the pump running. Record sample start time.

🤚 **If the user wishes to stop sampling and reset the pump, *see Terminating a Sample and Resetting the Pump.***

7. When sampling is completed:
   a. **Timed Run mode** - The display will count down to zero and the pump will stop. The alarm will beep four times. The display will flash Done. Press ✳ to return to presets. If a repeat sample is desired, press [▲▼].

   b. **Continuous Run mode** - The timer will count up to 999 minutes, automatically reset to zero, and count again to 999 minutes until user stops the pump. Press [▲▼] to place the pump in Hold when the desired sampling time has elapsed. Hold and cumulative run time will flash alternately. Press ✳ while in Hold. Sample reset (rSEt) will appear on the LED. Press [▲▼] to terminate the cumulative the pump. If a repeat sample is desired, press [▲▼].

   c. **Intermittent Sampling mode** - The display will count up to set run time, count down from set delay time to 0, then run again. Pump will cycle until the programmed number of cycles are completed. The alarm will beep four times. The display will flash Done. Press [▲▼] to return to run time preset. If a repeat sample is desired, press [▲▼].

Digital display: Sample run completed

Digital display: Pump and Timer in Hold

Digital display: Terminate sample and reset pump

Digital display: Cumulative run time

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8. Remove and seal the sample medium.
9. Re-assemble the calibration train (*see Calibration*) and verify flow.
10. Send sample, blanks, and pertinent sampling information to a laboratory for analysis.

Terminating a Sample and Resetting the Pump

For timed and continuous runs, from a running pump, press [▲▼]. The pump is now in Hold. Press ✳ while in Hold. Sample reset (rSEt) will display. Press [▲▼] to terminate the cumulative run time and reset the pump.

For intermittent sampling, there is no Hold. Press [▲▼] to stop the pump. The LED will display Serr (sampling error). Press ✳ to view cumulative run time. Press [▲▼] to return to run time presets.

Digital display: Terminate sample and reset pump

Digital display: Sampling Error

✋ **Cumulative run time resets to 0 even if intermittent sampling is started again.**

Flow Fault
Manufacturer default: enabled. User may disable feature.
If the pump cannot maintain constant flow due to flow restriction, a flashing Flof will appear on the LED. If the fault is not corrected within five seconds, the pump will beep four times and stop running.

Digital display: Flow fault

Restoring Sampling from a Flow Fault
Fault restart (manufacturer default: enabled).
Fault restart will attempt to restart the pump every 10 seconds up to five times. Cumulative run time can be displayed by pressing ✳. Press ✳ again to return to the fault (Flof) display. If pump does not automatically restart, attempt to correct the flow blockage, then press [▲▼] to place pump in Hold. Press [▲▼] to resume sampling.

Fault restart (user disabled).
Cumulative run time can be displayed by pressing ✳. Press ✳ again to return to the Flof display. Attempt to correct flow blockage and press [▲▼] to place pump in Hold. Press [▲▼] to resume sampling.

✋ **The flow fault and flow fault restart features can be enabled or disabled by the user as desired.** *See Enabling/Disabling Alarm and Fault Features.*

Advanced Setup
Intermittent Sampling

Intermittent Sampling allows the pump to be programmed to run for a specific number of minutes up to 999, to shut off for a programmed length of time, and to continue sampling on and off for a predetermined number of cycles (e.g., program the pump to run three cycles (n) of 15 minutes each (r) with a five-minute delay (d) between each cycle).

Digital display:
Intermittent Sampling

Entering Intermittent Sampling Mode

Press ▲ or ▼ to scroll to Intt. Press ✳ to enter the intermittent sampling setup mode.

Setting Run Time (r)

1. Press ▲ or ▼ to increase or decrease run time. The display will flash. If no change to run time is desired, press ✳ to move to delay time.
2. Press ✳ to select the desired time. Stor will flash on the display.
   To save new setting: Press [▲▼]. Press ✳ to move to delay time setup.
   To ignore new setting: Press ✳. Display will move to the delay time.

Digital display:
Set run time

✋ **If displayed values are not changed, the flashing Stor will not appear and pressing ✳ will move the display to the next parameter to be set.**

Setting Delay Time (d)

1. Press ▲ or ▼ to increase or decrease delay time. The display will flash. If no change to delay time is desired, press ✳ to move to number of cycles.
2. Press ✳ to select the desired time. Stor will flash on the display.
   To save new setting: Press [▲▼]. Press ✳ to move to cycles setup.
   To ignore new setting: Press ✳. Display will move to the number of cycles.

Digital display:
Set delay time

Setting the Number of Cycles (n)

1. Press ▲ or ▼ to increase or decrease number of cycles. The display will flash. If no change to number of cycles is desired, press ✳ to return to Intt.
2. Press ✳ to select the desired number of cycles. Stor will flash on the display.
   To save new setting: Press [▲▼]. Press ✳ to return to Intt.
   To ignore new setting: Press ✳. The LED will return to Intt.

Digital display:
Set number of cycles

Start sampling by pressing [▲▼]. The LED will count up to 59 seconds, then switch to minutes up to the set minutes run time. The pump will stop for the programmed number of delay minutes while the LED displays a count down from the set delay time to zero. The pump will start sampling again. The pump will beep four times and the display will flash Done after the desired cycles are completed. Press ✳ to display cumulative run time. Press ✳ to return to Done. Press [▲▼] to return the display to the run time preset. If a repeat sample is desired, press [▲▼].

Digital display:
Sample run completed

🖐 **Intermittent Sampling settings are retained when pump goes to sleep.**

User Options During Intermittent Sampling
Viewing number of cycles remaining and cumulative run time

Press ✳ repeatedly while the sample or delay is running. If the unit is left untouched for five seconds, the display will automatically return to cumulative time.

Terminating a sample and resetting the pump
There is no Hold available in intermittent sampling. Therefore, pressing [▲▼] will stop the sampling and the LED will display Serr (sampling error). Press ✳ to view cumulative run time. Press [▲▼] to return to run time presets.
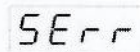
Programming Your Own Run Time Presets

1. Press ☀▲▼☀.
2. Pt: 1 will alternately display with T xx. This corresponds to the first stored preset time.
3. Press ▲ to scroll to the number of minutes (1 to 999). Press ▼ to scroll to Cont, Intt, or End options. *End will not appear as an option during setup of first preset.*
4. When the LED displays the desired time or mode, press ☀ to move to the next preset time.
5. Repeat steps 3 and 4 for each preset up to eight presets. The sequence will repeat from one to eight.
6. Press [▲▼] to save changes. Stor will display on the LED.

   To save new settings: Press [▲▼]. The pump will return to normal pump operation.

   To ignore new settings: Press ☀. The pump will return to normal pump operation.

Digital display:
First preset

Digital Display:
Time set for present 1

Digital display:
Store settings

Note: While programming presets, scrolling below Intt will display End. Choosing End will truncate the stored preset sequence. For example, if the user desires to store only two presets, preset time 3 can be set to End, shortening the number of presets to scroll through. Times programmed for preset times Pt: 4 through 8 will not display until the presets are changed to make them display or the factory defaults are reset (*see Resetting Pump to Manufacturer Default Settings*).

Presets Sequence

Preset 8	End
Preset 7	Intt
Preset 6	Cont
Preset 5	t 15
Preset 4	t 10
Preset 3	t 5
Preset 2	t 2
Preset 1	t 1

Manufacturer Default Presets

Preset 8	End
Preset 7	Intt
Preset 6	Cont
Preset 5	t 1 - 999
Preset 4	**End**
Preset 3	t 1 - 999
Preset 2	t 1 - 999
Preset 1	t 1 - 999

The pump returns to the beginning preset at the first End it encounters. This allows the user to shorten the number of presets.

Preset 1 cannot be set to End.

Enabling/Disabling Alarm and Fault Features

1. Press the security code ✳▲▼✳ to enter setup mode.
2. Press CAL. The pump serial number will display briefly.
3. Press ▲ or ▼ to turn feature on or off *(see below)*. Press ✳ to advance to next feature.
4. Press [▲▼] to exit feature setup. Press [▲▼] again to return to run time presets.

Feature	ON	OFF
Button Beeper: On/Off	bbP1 *Digital display: Button beep on*	bbP0 *Digital display: Button beep off*
Alarm Beeper: On/Off	AbP1 *Digital display: Alarm beep on*	AbP0 *Digital display: Alarm beep off*
Flow Fault: On/Off	FFt1 *Digital display: Flow fault on*	FFt0 *Digital display: Flow fault off*
Flow Fault Restart: On/Off	Frt1 *Digital display: Flow restart on*	*Digital display: Flow restart off*

Resetting Pump to Manufacturer Default Settings

1. Press the security code ✳▲▼✳ and then press the CAL button. The pump serial number will display briefly.
2. Press ✳ repeatedly to scroll through until the LED displays dEFt.
3. Press [▲▼]. The word No will appear on the display.
   To reset to factory default settings: Press ✳. Yes will appear on the display. Press [▲▼].
   To retain existing settings: Press ✳ to scroll to No and press [▲▼].

The number 30 will appear briefly, then the display will return to run time presets.

dEFt
Digital display: Pump default

4ES
Digital display: Yes, reset to pump default

no
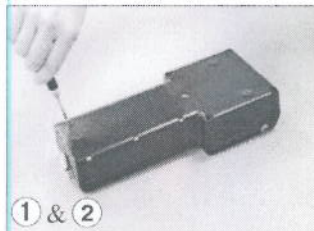*Digital display: No, do not reset to pump default*

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intentionally blank.

Maintenance

1. Keep the pump clean and free of dust and dirt. It may be wiped with a dry cloth.
2. Keep the battery charged (*see Battery Operation*). Charge periodically when pump is not used for prolonged periods.

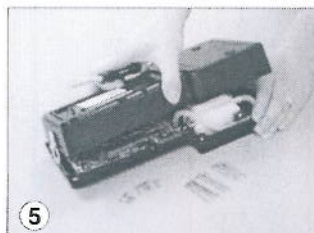## Changing the Inlet Filter

This requires a Phillip's head screwdriver.

①&②

Orient pump with back facing upward. Remove 6 screws from battery compartment door.
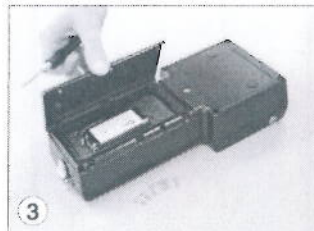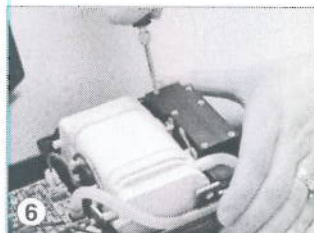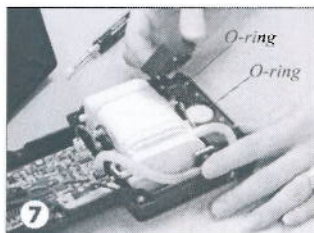

③

Lift off battery compartment door.
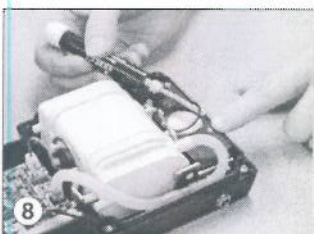

④

Remove 8 screws from back plate.

⑤

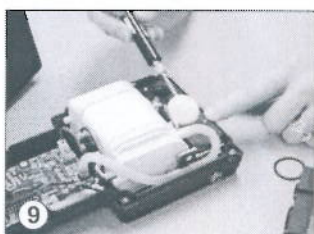Battery pack is wired to control board inside pump. Lift back plate carefully and set to the side of pump.

⑥
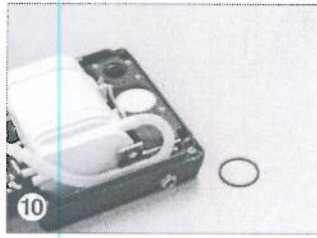
Remove 6 screws from housing plate.

⑦

O-ring
O-ring

Lift up housing plate. Note position of two O-rings.

⑧

Remove O-ring from inlet only.

⑨

Remove filter from inlet.

18

Put new filter into place.

(11) Press the O-ring back into place on top of the filter. Ensure both O-rings are in place before proceeding *(see step 7 for position)*.

(12) Align the holes in the housing plate, set it back into place, and replace 6 screws. Tighten screws alternately to provide a tight and even seal on O-rings.

(13) Replace the back plate. Check that the stack tubing and control board wiring inside the case are in place and will not be pinched. The back plate should seat evenly without pressure.

(14) Ensure battery pack is positioned horizontally and is seated in the foam on top of the back plate. *(See photo in Step 3 for placement.)*

(15) Replace 8 screws in the back plate. Tighten screws alternately.

(16) Replace the battery compartment door.

(17) Replace 6 screws in the battery compartment door. Tighten screws alternately.

Battery Operation

Charging the battery

To charge the battery, insert the charger plug into the jack on the pump and the charger into a wall outlet. A red LED will flash on the pump display to indicate the unit is charging. When charging is complete, the LED will stop flashing and the pump will go to sleep. The QuickTake 15 can be operated using AC power. *See Operation, AC Power Operation*. The battery charges completely in five hours.

✋ **The pump will not sleep during charging. Connecting a sleeping pump to the charger will wake it up from sleep.**

Installing a Replacement Battery

1. Remove the six screws from the battery compartment cover.
2. Lift out the battery pack and disconnect it.
3. Connect the new battery pack and insert it into the battery compartment.
4. Re-attach the battery compartment cover with the six screws.

Screws

Screws

Battery pack
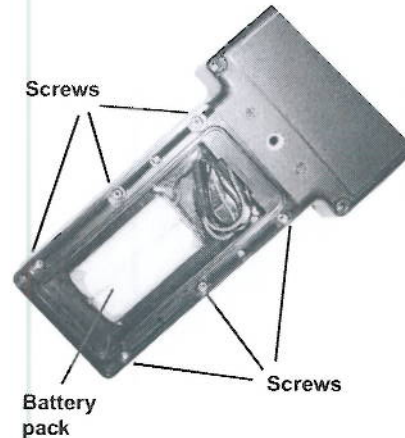
Cautions and Warnings

- To reduce risk of injury, fire, or electric shock, always follow basic safety precautions when using this product.
- Batteries may explode or leak and cause burn injury if disassembled.
- Use only the approved charger and battery for this product. Mixing this product with a different battery type or charger may cause damage to the pump and cause injury if the battery explodes. **Using non-approved batteries or charger voids the warranty.**
- Do not submerge the pump or subject it to any liquids.
- Do not open the pump case.

Service Policy

To return products to SKC for servicing:

1. Call 800-752-8472 (724-941-9701 for international customers) to obtain a Return Materials Authorization (RMA) number and Product Decontamination Form.

2. Carefully package the product. Mark the RMA number on any correspondence relating to the return and on the outside of the package.

   Package product carefully to prevent damage during transit. Include a contact name, phone number, shipping address, RMA number, and a brief description of the problem. For nonwarranty repairs, a purchase order number and billing address are also required. The Service Department will contact nonwarranty customers with an estimate before proceeding with repairs.

   Rechargeable lithium-ion batteries for use with SKC sampling pumps have been tested in accordance with the UN Manual of Tests and Criteria and are designated as UN3091. To be <u>exempt</u> from Dangerous Goods Shipping requirements, the box must contain 12 or fewer lithium batteries or 24 or fewer cells. Therefore, limit any box to be shipped to the following number of pumps:

   > Leland Legacy Pump - 2 pumps
   > QuickTake 15 - 12 pumps
   > QuickTake 30 - 3 pumps

3. Ship to SKC, freight prepaid, to the following address:

SKC Inc.
National Service Center
863 Valley View Road
Eighty Four, PA 15330

SKC Inc. will accept for repair any SKC product that is not contaminated with hazardous materials. Products determined to be contaminated will be returned unserviced.

Replacing parts with non-SKC parts voids the manufacturer warranty.

Li-Ion Battery Shipment

Rechargeable, lithium-Ion batteries for use with SKC sampling pumps have been tested in accordance with the UN manual of Tests and Criteria and are designated as UN3091.

For air shipments:
Rechargeable lithium-Ion batteries in SKC pumps are subject to the A-45 exemption to the IATA regulations and are not regulated for air shipments. This information must be written on the shipping document when shipping by air.

For ground shipments:
US DOT regulations specify a limit of 24 or fewer battery cells in one shipping box. If you exceed 12 QuickTake 15 pumps with battery packs in one shipping box, specific shipping requirements must be followed. Contact SKC for more information or refer to the regulatory authority in your area.

SKC INC.
LIMITED ONE YEAR WARRANTY

1. SKC warrants that its instruments provided for industrial hygiene, environmental, gas analysis, and safety and health applications are free from defects in workmanship and materials under normal and proper use in accordance with operating instructions provided with said instruments. The term of this warranty begins on the date the instrument is delivered to the buyer and continues for a period of one (1) year.

This warranty does not cover claims due to abuse, misuse, neglect, alteration, accident, or use in application for which the instrument was neither designed nor approved by SKC Inc. This warranty does not cover the buyer's failure to provide for normal maintenance, or improper selection or misapplication. This warranty shall further be void if changes or adjustments to the instrument are made by other than an employee of the seller, or if the operating instructions furnished at the time of installation are not complied with.

2. SKC Inc. hereby disclaims all warranties either expressed or implied, including any implied warranties of merchantability or fitness for a particular purpose, and neither assumes nor authorizes any other person to assume for it any liability in connection with the sale of these instruments. No description of the goods being sold has been made a part of the basis of the bargain or has created or amounted to an express warranty that the goods will conform to any such description. Buyer shall not be entitled to recover from SKC Inc. any consequential damages, damages to property, damages for loss of use, loss of time, loss of profits, loss of income, or other incidental damages. Nor shall buyer be entitled to recover from SKC Inc. any consequential damages resulting from defect of the instrument including, but not limited to, any recovery under section 402A of the Restatement, Second of Torts.

3. This warranty extends only to the original purchaser of the warranted instrument during the term of the warranty. The buyer may be required to present proof of purchase in the form of a paid receipt for the instrument.

4. This warranty covers the instrument purchased and each of its component parts.

5. In the event of a defect, malfunction, or other failure of the instrument not caused by any misuse or damage to the instrument while in possession of the buyer, SKC Inc. will remedy the failure or defect without charge to the buyer. The remedy will consist of service or replacement of the instrument. SKC Inc. may elect refund of the purchase price if unable to provide replacement and repair is not commercially practicable.

6. (a) To obtain performance of any obligation under this warranty, the buyer shall return the instrument, freight prepaid, to SKC Inc., at the following address:

SKC Inc., National Service Center
863 Valley View Road
Eighty Four, PA 15330 USA

(b) To obtain return authorization information or for further information on the warranty performance you may telephone 724-941-9701 at the above address. See Service Policy section in operating manual (if applicable).

7. This warranty shall be construed under the laws of the Commonwealth of Pennsylvania which shall be deemed to be the situs of the contract for purchase of SKC Inc. instruments.

8. No other warranty is given by SKC Inc. in conjunction with this sale.

Form #3755 Rev 0207

Ordering Information

Description	Cat. No.
QuickTake 15 Sample Pump, includes pump and charger	
115V	**228-9515***
CE marked model with 223-245 charger, 100 - 240V	**228-9515B***
QuickTake 15 Sample Pump, includes pump, rotameter, and charger, 115V	**228-9515A***
QuickTake 15 Sample Pump Kit, includes pump, rotameter, charger, wand, tripod stand, and carry case	
115V	**228-9515K***
CE marked model with 223-245 charger, 100 - 240V	**228-9515KB***

Replacement Parts		
Stem Tubing Adapter, pk/2		P31239
Cassette Adapter		P33100
Replacement Inlet Filters/O-ring Set, 5 filters and 1 O-ring		P40021
Reducing Adapter for Tubing, 3/8-in to 1/4-in, pk/2		P31211
Replacement Battery Pack		P75691*
Replacement Charger	115 V	**223-242**
	100-240 V	**223-245**

Accessories		
Sampling Wand, telescopes to 34 inches for ductwork and hard-to-reach locations; includes 6 feet of tubing		**228-9521**
Tripod Stand, telescopes to 5 ft for mounting sample media or QuickTake 15 pump		**225-9536**
Rotameter, to check approximate flow rate		**320-100**
Tygon Tubing, 3/8-in ID	10-ft	**225-1351**
	50-ft	**225-1352**

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