

# QuickTake 30 Sample Pump

MP1734 Rev 2021.07

Dust, Mold, Bioaerosols, Asbestos, and More

## Constant flow from 10 to 30 L/min

## Ideal for use with

- Viable cascade impactors including SKC BioStage®
- Spore trap cassettes such as VersaTrap®
- Microvacuum cassettes
- Other samplers that require flows up to 30 L/min
- SKC IOM Sampler at flows from 8.2 to 10.64 L/min

## Long run times

- AC charger/adaptor for extended sampling
- Reliable rechargeable lithium-ion (Li-Ion) battery pack

## Compact and portable

- Weighs only 4.8 pounds (2.2 kg)
- Handle for easy portability

## Easy-to-use programmable timer for unattended sampling

- Select sample time presets or customize timer from 1 to 999 minutes
- Continuous run with manual shutoff
- Intermittent sampling
- Large, easy-to-use keypad

## Optional mounting bracket for viable impactor

## Easy to use

- Large keypad control
- End-of-cycle visible and audible alarms

## High-contrast digital display

## Low noise — average < 64 dBA at 3 feet (37-mm, 0.8-µm MCE filter at 16.8 L/min)



Mount a spore trap cassette directly on pump inlet



Mount the BioStage Impactor directly on the QuickTake® 30

# QuickTake 30 Sample Pump

## Quick View

Performance Profile	
<b>Flow Control Accuracy</b>	± 5% of set-point after calibration
<b>Typical Run Time</b> §	<b>Battery:</b> 5 hrs at 15 L/min with spore trap cassette (VersaTrap)† 4 hrs at 28.3 L/min with BioStage viable cascade impactor 9+ hrs at 10 L/min with 25-mm, 1.2-µm MCE filter (Note: To achieve, use QuickTake 30 with a fully charged battery and AC charger/adaptor) > 14+ hrs at 10 L/min with 37-mm, 0.8-µm MCE filter
<b>Charge Time</b> <i>(varies with battery capacity and level of discharge)</i>	Approximately 5 hrs with approved charger
<b>Temperature Range</b>	<b>Operating:</b> 32 to 104 F (0 to 40 C) <b>Storage:</b> -4 to 95 F (-20 to 35 C) <b>Charging:</b> 32 to 113 F (0 to 45 C)
<b>Operating Humidity</b>	0 to 95% non-condensing
<b>Timer Display Range</b>	1 to 999 min. If run time exceeds 999 min, timer display rolls over and repeats 1 to 999-minute runs until user stops pump or power supply is depleted.
<b>Flow Fault</b>	If the pump is not able to compensate due to excessive back pressure, a flashing FIOF will appear on the LED. If the fault is not corrected within five seconds, the pump will beep four times and stop running.

† Sampling time is usually ≤ 10 minutes; however, SKC recommends reducing length of sample time when using a 30 L/min flow rate to prevent overloading the media.

§ Results are obtained using a new pump and new fully charged battery. Pump and battery performance may vary.

## Ordering Information

Pump and Kits		Cat. No.
<b>QuickTake 30 Sample Pump** and Charger</b>	100-240 V	228-9530
<b>QuickTake 30 Sample Pump,** Rotameter, and Charger</b>	100-240 V	228-9530A
<b>QuickTake 30 BioStage Pump** Kit</b> includes pump, charger, rotameter, Standard BioStage, mounting bracket with inlet adapter, calibration adapter, and deluxe carry case	100-240 V	228-9530K
Accessories		
<b>Charger/Adapter</b>	100-240 V	223-245
<b>Mounting Bracket for BioStage</b> includes inlet adapter		228-9531
<b>Rotameter</b> , for QuickTake 30		320-100
<b>Replacement Battery Pack,* Li-Ion</b>		P75689
<b>Replacement Filter/O-ring Set</b> includes 5 filters and 1 O-ring		P40021
<b>High Flow chek-mate Calibrator Kit</b> , 50 to 30 L/min, includes a 9-volt alkaline battery, NIST-traceable calibration certificate, and pulsation dampener Cat. No. 375-150 (chek-mate Calibrators with NIST, UKAS, or ISO calibration certificate and pulsation dampener are available separately; see <a href="http://www.skcinc.com">www.skcinc.com</a> for details.)		375-50300K

\* QuickTake sample pumps contain Li-Ion batteries and are subject to special shipping regulations.

† Use in non-explosive environments only. Not UL Listed for intrinsic safety

Note: Replacing batteries with non-approved battery packs voids any warranty.

<b>Flow Rate (L/min)</b>	10 to 30
<b>Weight in Pounds (kilograms)</b>	4.8 (2.2)
<b>Compensation Range (inches water)</b>	Up to 15 at 30 L
<b>Built-in Timer/Clock</b>	Yes
<b>Constant Flow</b>	Yes
<b>Programmable</b>	Yes
<b>PC-compatible</b>	N/A
<b>Multi-tube Sampling</b>	N/A
<b>Flow Fault Feature</b>	Yes
<b>RFI/EMI Shielded</b>	N/A
<b>Intrinsically Safe — UL Listed</b>	N/A
<b>MSHA-approved Models Available</b>	N/A
<b>ATEX Models Available</b>	N/A
<b>CE Marked</b>	N/A
<b>Corrects for Changes in Atmospheric Pressure</b>	N/A
<b>Corrects for Changes in Temperature</b>	N/A
<b>Battery Type</b>	Li-Ion Battery (7.4 V, 10.4 Ah, 77 Wh) and/or AC Adapter
<b>Battery Check</b>	Yes
<b>Tubing</b>	Requires 3/8-inch ID tubing
Recommended Accessories	
	Mounting Bracket for BioStage Impactor
	Rotameter
	chek-mate Calibrator Kit

Learn more at [www.skcinc.com!](http://www.skcinc.com)

SCIENCE.  
SERVING PEOPLE.

