

SKC Inc. 724-941-9701

SKC West 714-992-2780

SKC Gulf Coast 281-859-8050

SKC South 434-352-7149

Universal XR Sample Pumps

25 Years of Rugged, Reliable Service!

Flows: 5 to 5000 ml/min

Approvals











Universal 44XR
The Economical Solution



Universal PCXR4
The Compliance Solution



Universal PCXR8
The Programmable Solution

Turn on and sample!

- Economical
- Basic operation
- Convenient flow indicator
- Designed for rugged industrial environments

Enhanced with additional features:

Automatic fault shutdown and time retention

 Pump shuts down and retains sampling time when battery is low or there is excessive back pressure to ensure sample integrity

High-accuracy timer

 Built-in timer provides instant readout of sampling duration. A convenient hold feature allows for breaks.

Enhanced with programmability!

Built-in high-accuracy timer

 Sample duration readout and convenient hold feature

Automatic fault shutdown/time retention

• Ensures sample integrity upon low battery or excess back pressure

Delayed start

Set number of minutes to elapse until sample start

Timed shutdown

• Set number of minutes of operation until shutdown

Intermittent sampling

- Extend short-term samples over an extended period to meet TWA requirements with fewer samples
- Extended intermittent sampling up to
 7 days ideal for fenceline monitoring!





Universal XR Sample Pumps

Performance Profile	and times
Flow Control Accuracy	Holds constant flow to ± 5% of set point
Timing Accuracy	± 0.05% (± 45 seconds per day)
Typical Run Time	Battery: 12 hrs minimum at 4000 ml/min and 20 inches water back pressure, dependent on media used Battery Eliminator: Pump provides extended runs. PCXR4 and PCXR8 display rolls over to 0 upon reaching 9999 min
Charge Time (varies with battery capacity and level of discharge)	6 to 8.5 hrs with PowerFlex charger
Temperature Range	Operating: 32 to 113 F (0 to 45 C) Storage: -4 to 113 F (-20 to 45 C) Charging: 50 to 113 F (10 to 45 C)
Operating Humidity Range	0 to 95% non-condensing
Timer Display Range	PCXR4 and PCXR8 only: 1 to 9999 min (6.8 days)
Timed Shutdown	PCXR8 only: User-selectable time of operation before automatic shutdown. Maximum setting is 9999 min (6.8 days)
Delay On	PCXR8 only: User-selectable time to delay test. Maximum setting is 9999 min (6.8 days)
Intermittent Sampling	PCXR8 only: User-selectable parameters to extend short-term samples over an extended period. Elapsed time maximum is 9999 min (6.8 days).
Flow and Low Battery Fault	PCXR4 and PCXR8 only: Pump shuts down, timing functions pause, time display is retained, and LCD indicates flow or low battery fault.
Dimensions	5.1 x 4.7 x 1.9 in (13 x 11.9 x 4.8 cm)

Ordering Information

Universal XR Sample Pumps		
Sample pump with NiMH battery pack and screwdriver set. Low flow (5 to	o 500 ml/min) requires	
Adjustable Low Flow Holder.		Cat. No.
PCXR8 Universal Sample Pump, requires charger		224-PCXR8
PCXR4 Universal Sample Pump, requires charger		224-PCXR4
44XR Universal Sample Pump, requires charger		224-44XR
Universal XR Starter Kits		
Include pump with NiMH battery pack, single PowerFlex charger with cab	ble, Tygon tubing (3 feet, 1/4-inch	n ID),
and collar clip with cable tie		
PCXR8 Starter Kit	100-240 V	224-PCXR8-S
PCXR4 Starter Kit	100-240 V	224-PCXR4-S
44XR Starter Kit	100-240 V	224-44XR-S
Single Pump Kits		
Include sample pump with NiMH battery pack, single PowerFlex charger		
Type A protective tube cover, filter cassette holder, and screwdriver set, i		
PCXR8 Single Pump Kit	100-240 V	224-PCXR8KD
PCXR4 Single Pump Kit	100-240 V	224-PCXR4KD
PCXR4 Single Pump Kit with IOM, does not include cassette holder	100-240 V	224-PCXR4PK
44XR Single Pump Kit	100-240 V	224-44XRKD
5-pack Pump Kits		
Include 5 sample pumps with NiMH battery packs, adjustable low flow ho		
covers, filter cassette holders, screwdriver sets, and one 5-station Power	Flex charger with 5 cables, in a F	Pelican case
PCXR8 5-pack Pump Kit	100-240 V	224-PCXR8K5D
PCXR4 5-pack Pump Kit	100-240 V	224-PCXR4K5D
44XR 5-pack Pump Kit	100-240 V	224-44XRK5D
Replacement Parts and Accessories		
Replacement Battery Packs	NiMH for XR models*	P21661MH*
Replacing batteries with non-approved battery packs voids any	NiCad for XR models*	P21661*
warranty and UL intrinsic safety approvals.	NiCad for MSHA models	P22434
Battery Eliminator, connects pump to line power for extended sampling	115 V	223-325

- * Not suitable for MSHA-approved models
- † Single kits also available in hard-sided Pelican case. Contact SKC for ordering information.

Quick View

Flow Rate (ml/min)
5 to 5000
Weight in Ounces (grams)
34 (964)
Compensation Range (inches water)
Up to 40 at 2 L
Built-in Timer/Clock
Timer — PCXR4 and PCXR8 only
Constant Flow
Yes
Programmable
PCXR8 only
PC-compatible
N/A
Multi-tube Sampling
Yes
Flow Fault Feature
PCXR4 and PCXR8 only
RFI/EMI Shielded
Yes
Intrinsically Safe — UL Listed
Yes
MSHA-approved Models Available
Yes
ATEX Models Available
Yes
CE Marked
Yes
Corrects for Changes in Atmospheric Pressure
N/A
Corrects for Changes in
Temperature
N/A
Battery Type
NiMH (6.0 V, 3.5 Ah)
Battery Check
PCXR4 and PCXR8 only

Recommended Accessories Chargers Battery Eliminator Defender Calibrator Cat. No. 717-510M Adjustable Low Flow Tube Holders Filter Holders Tubing Cases/Pouches

SKC Limited Warranty and Return Policy

SKC products are subject to the SKC Limited Warranty and Return Policy, which provides SKC's sole liability and the buyer's exclusive remedy. To view the complete SKC Limited Warranty and Return Policy, go to http://www.skcinc.com/warranty.asp.

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