

SKC QuickTake 30 Sample Pump 8-Point Justification for Equipment

0. ITEM OF CONSIDERATION: SKC Product Code: 228-9530

SKC QuickTake 30 (with programmable timer) Sample Pump with Li-Ion battery pack, 110-240V AC charger/adaptor, and cassette/tubing adapter. Flow range: constant flow 10-30 L/min.

1. **PROBLEM:** Asbestos ABS sampling requires the use of a battery powered sampling pump that is capable of maintaining flow rates 3 to 15 L/min for 1 to 4 hours.

2. **JUSTIFICATION:** The use of the QuickTake 30 will allow EPA to maintain NAR use of consist equipment across all Regions and accurately and effectively sample asbestos during ABS events. The QuickTake 30 may also be used ideal for bioaerosol sampling events.

3. SYSTEM CHARACTERISTICS.

- Maintains set flow throughout a sampling period for complete sample integrity
- AC charger/adaptor for extended sampling
- Rechargeable lithium-ion battery pack
- Long run times on one Li-Ion battery charge
- Select sample time presets or customize timer from 1 to 999 minutes
- Continuous run with manual shut-off
- Intermittent sampling
- Compact and portable
- 9.3 x 8.4 x 3.5 inches (23.6 x 21.3 x 8.9 cm)
- Weighs only 4.8 pounds (2.2 kg)
- Handle for easy portability

4. **OPERATIONAL CONCEPT:** The QuickTake 30 will be utilized to meet data quality objectives.

5. **ORGANIZATIONAL CONCEPT:** USEPA ERT or ERT contractors will be responsible for deployment, use, and care of the QuickTake 30.

6. **SUPPORT REQUIREMENTS:** After initial purchase, expendable supplies, additional equipment, and sampler repair/replacement maybe purchased for routine sampler operation.

7. **AVAILABILITY:** The QuickTake 30 is available for purchase and shipment.

8. **COST & PURCHASING.** List price is \$1,519.

Respectfully submitted to the ERTG for consideration by: Duane Newell