

SPLIT2 Real-time Dust Monitor

Direct Read-out with Filter Option Using Any 2 L/min Pump

- **Economical, flexible, and direct reading**
- **Highly accurate**
 - ± 10% to NIOSH Method 0600 using SAE fine test dust
- **Reliable light-scattering technology**
- **Provides concurrent gravimetric sampling for different dust fractions when used with any 2 L/min sample pump**
 - Respirable dust with GS-3 Cyclone
 - Inhalable dust with IOM Sampler
 - Use gravimetric results to program monitor to correct for local dust characteristics
- **Compact and lightweight**
- **Programmable with easy-to-use 4-button keypad**
- **Easy-to-use software for flexible data management**
- **Alarms at hazardous concentrations**
- **DustComm Pro Software for downloading, basic trend analysis, and comprehensive graphical reporting**



Attach to a pump and actively monitor dust levels while collecting a gravimetric sample. SKC recommends using the AirChek 52 pump. See pages 18-19.

Performance Profile

Sensing Range: 0.01 to 200 mg/m³

Particle Size Range: 0.1 to 100 µm

Data Storage: 21,500 data points

Data Display: Concentration in mg/m³ and TWA, MAX, MIN, and STEL

Run Time: ≥ 8 hours on rechargeable NiMH battery

Dimensions/Weight: 18 x 8 x 4.5 cm (7.1 x 3.1 x 1.8 in); 0.78 kg (1.7 lbs)

The flexible SPLIT2 Real-time Dust Monitor provides personal or area respirable or inhalable dust monitoring. SPLIT2 is a direct-reading passive dust monitor that can become an active monitor/sampler by combining it with a 2 L/min sample pump and GS-3 Cyclone or IOM sampling head for concurrent real-time dust monitoring and gravimetric dust sampling.

Description	SKC Inc. Cat. No.	SKC Ltd. Cat. No.
SPLIT2 Passive Monitor with accessories includes monitor, lapel bracket, zeroing accessory, calibration standard, computer cable, DustComm Pro Software, NiMH battery pack, AC charger/adapter, and carry case 110-240 V	770-300	
SPLIT2 Monitoring Kit with IOM (<i>pump not included</i>) includes all items in Cat. No. 770-300, IOM adapter, and IOM Sampler with cassette and transport clip Cat. No. 225-70A, <i>see p. 108 for filters for IOM Sampler</i> 110-240 V	770-300K1	
SPLIT2 Monitoring Kit with Cyclone (<i>pump not included</i>) includes all items in Cat. No. 770-300, GS-3 Cyclone adapter, and GS-3 Cyclone Cat. No. 225-103, <i>see p. 110 for preloaded filters</i> 110-240 V	770-300K2	
SPLIT2 Passive Monitoring Kit with "IOM-style" Sensor Head includes all items in Cat. No. 770-300 and one-piece IOM-style sensor head		770-300A

SPLIT2 Monitors and accessories are available separately. Contact SKC for more information.