

# DPS Deployable Particulate Sampler System

## Ambient and Indoor PM<sub>10</sub> or PM<sub>2.5</sub> Sampling

Flows: 10 L/min



IMPACT PM<sub>10</sub> or PM<sub>2.5</sub> sampling head



Certification



⊙ 24-hour ambient PM<sub>10</sub> or PM<sub>2.5</sub> sampling

⊙ Compact and portable — only one case!

- Weighs only 13 pounds (5.9 kg)

⊙ Modular components and quick-connect tubing for fast setup

- Disposable ready-to-use impaction discs — no cleaning or greasing
- Convenient filter cassette and opener for fast media changes
- Program pump for unattended sample runs
- Quick-mount bracket for installing sampling head virtually anywhere

⊙ Patented\* IMPACT sampling head available for PM<sub>10</sub> or PM<sub>2.5</sub>

⊙ Ideal for remote locations or indoor air sampling

- 24-hour Li-Ion battery-operated system
- Easy, secure operation from within heavy-duty lockable case
- Rain cover protects sampling head
- Low noise for indoors

⊙ Features highly accurate Leland Legacy sample pump

- Provides 10 L/min constant flow for precise particle size-selection
- Simple 3-button keypad for setting a single unattended sample run
- Program for multiple runs with a PC and DataTrac® for Leland Legacy Software

⊙ Validated for reliability by U.S. Army

⊙ Enlisted for service by U.S. Department of Defense

Ordering Information	Cat. No.	
DPS System** includes Leland Legacy sample pump with connection case, charger (100-240 V), 2 external battery assemblies with adapters (packaged separately), IMPACT sampling head, 2 filter cassettes, calibration adapter, rain cover for sampling head, 25 disposable impaction discs ( <i>limited shelf-life</i> ), filter cassette opener, tubing with quick-connect fitting, and mounting bracket, in a heavy-duty lockable carry case	PM10 Kit	100-3901
	PM2.5 Kit	100-3903
Collection Filters for DPS System (not supplied with system) <i>Select a filter based on your application; required for sampling</i>		
Quartz Filters, 47 mm, Tissuquartz, 432 µm thick	25 pk	225-1823
PTFE Filters, 47 mm, 2.0-µm pore size, with PMP support ring	50 pk	225-1747
Sampling Heads/Replacement Parts		
IMPACT Sampling Head includes filter cassette, calibration adapter, and rain cover for sampler; <i>requires collection media (see above) and impaction substrate (see below) sold separately</i>	PM2.5	225-392
	PM10	225-390
Impaction Discs, 37 mm, pre-oiled, ready to use, disposable, <i>required for sampling, limited shelf-life</i>	25	225-395
	50	225-395A
Filter Cassette		225-396
Accessories		
Petri Dish Slide, for filter transport	100	225-2-01
DataTrac for Leland Legacy Software includes software on CD and USB cable		877-92

\* Provides data similar to data from Federal Reference Method samplers. The DPS System is not a U.S. EPA reference or equivalent method for compliance sampling.

‡ U.S. Patent No. 7,334,453

§ Back pressure on PTFE filters may vary within the same lot.

# DPS System contains Li-Ion batteries and may be subject to special shipping regulations.



### 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.skccinc.com/warranty.asp>.