

DPS Deployable Particulate Sampler System

Ambient and Indoor PM10 or PM2.5 Sampling

Certification



IMPACT PM10 or
PM2.5 Sampler



Rain cover protects sampling head

Quick-mount bracket

Tough reinforced sample tubing



System in one rugged, portable case

Quick-connect tubing fitting

- ◎ 24-hour ambient PM10 or PM2.5 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 PM10 or PM2.5
- ◎ 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
 - Set a single unattended sample run from the keypad or program for multiple runs with a PC and DataTrac[®] Software
- ◎ Validated for reliability by U.S. Army, enlisted for service by U.S. Dept. 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) Select a filter based on your application; required for sampling		
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 Sampler 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
IMPACT Sampler Inlet Only	PM2.5	P54204
	PM10	P54202
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, required for sampling		225-396
Accessories		
Petri Dish Slide, for filter transport	100	225-2-01
DataTrac Software Cable, for Leland Legacy, USB; software available via free download		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.

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