Atlantic® ReadyDisk

Ready to go SPE Disks for Water Extraction

Atlantic® ReadyDisks are solid phase extraction (SPE) disks, pre-assembled into disposable holders and are used for extracting organic and semivolatile organic compounds from aqueous matrices. The ReadyDisks are designed for single-use extractions with maximum speed and convenience in mind and eliminate the need to clean holders between extractions.

Each disk is constructed to maximize surface area interactions with the analytes in solution, accommodating relatively high sample flow rates without suffering from solution or analyte breakthrough or disk clogging. Extracted analytes are recovered with high precision and accuracy.

The disk holder was designed for use with both manual and automated solid phase extraction systems and is constructed from materials that are free from contaminants such as phthalates. The configuration of the disk results in high physical and chemical capacity and the height of the holder prevents sample overflow, even at relatively high flow rates.

ReadyDisks are suitable for extracting samples in a wide range of volumes, including large, liter-sized samples of drinking water and ground water. ReadyDisks contain the same proven media used in our regular Atlantic® SPE disks, and are validated for the intended applications. The range of available media accommodates the extraction of a variety of analytes including: pesticides, bisphenol A, PBDEs, herbicides, PAHs, carbonyls, dioxins, furans, PFOAs and phenols in compliance with 500 Series, 600 Series and 8000 Series EPA Methods.

Atlantic® ReadyDisk C18

This reversed-phase media is particularly suited for extracting slightly polar and non-polar analytes and is recommended for EPA Method 525.2 along with other drinking and wastewater methods. This silica based C18 is end-capped to eliminate unpredictable secondary interactions with unreacted silanols. See application note AN917 for details.

Atlantic® ReadyDisk HC-C18

The high capacity ReadyDisk HC-C18 has added retention per disk for improved recovery of compounds that have weaker interactions with C18 media such as dimethoate, 2,6-DNT, 2,4-DNT and the drinking water tracer caffeine. The end-capped C18 media can be used for EPA method 525.2, and other drinking and wastewater methods. See Application Note AN899 for details.

Atlantic® ReadyDisk DVB

The DVB (divinylbenzene) polymer is a pH independent reversed-phase media that is listed for use in the EPA drinking water method for a full suite of semivolatile analytes, EPA Method 525.3. See application note AN900 for details.

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Biotage®

Atlantic® ReadyDisk products can be processed using Biotage® Horizon 5000 for intervention free-automated methods, and are fully compatible with manual manifolds such as Biotage® VacMaster™ Disk.

Ordering Information

Part Number	Description	Qty.
47-6005	Atlantic® ReadyDisk C18	24
47-6006	Atlantic® ReadyDisk HC-C18	24
47-6001	Atlantic® ReadyDisk DVB	24
48-4790	Kit, ReadyDisk 4790 Luer and Plug*	1

*May be required for processing Atlantic® ReadyDisks on Biotage® Horizon 4790.

Biotage® VacMaster™ Disk.

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