

Vapor Shield for Biotage® Horizon 5000 Disk Extraction System

(Previously known as SPE-DEX 5000)

Safety is always a prime consideration in a laboratory. While working with organic solvents and samples that may contain harmful analytes, it makes sense to shield the operator from hazardous conditions whenever possible.

The SPE-DEX 5000 Extraction System uses organic solvents such as dichloromethane, hexane and methanol and vapors are vented through the back of the instrument to a convenient hood or exhaust mechanism. Some laboratories choose to place their extractors in the hood for further safe venting of the solvent vapors.

The Horizon Technology Vapor Shield provides further safety by shielding the front of the extractor (Figure 1). Possible splashing of sample or solvent is contained, preventing exposure of the operator to these materials. In addition the small amount of solvent vapor that may escape from controlled venting is redirected away from the operator.

The Vapor Shield is also used in conjunction with the optional nitrogen blanket to shield the sample on the disk from oxygen during loading and elution, minimizing oxidation.

The Vapor Shield is easily slid onto and off of a station and can be used on one or all three stations at once (Figure 2)

Part number 50-5012, pricing is available through your [local sales office](#).



- Shields operator from splashing sample and solvent, improving safety
- Facilitates nitrogen blanket of sample
- Easy to use, encouraging compliance



Figure 1. Vapor Shield on station 1 of the SPE-DEX 5000.



Figure 2. There is space for up to three Vapor Shields to be used at one time.