
TECHNICAL INFORMATION

Microparticle Evidence Vacuum Adapter Catalog No. 719E1

INTRODUCTION

This disposable, single-use adapter eliminates problems of cross-contamination and fits most common vacuums. Microparticle evidence is sucked into the adapter and collected into the filter paper within the enclosed petri dish. After collection, remove the petri dish, cover with the enclosed optically clear plastic lid which can be used directly in an optical microscope. Enclose the evidence container in the evidence collection bag and write important information on the outside before submitting to crime lab. Dispose of the remaining adapter. By employing a disposable filter adapter, you will have 100% assurance that the evidence collected originated from the scene just processed.



PROCEDURE

1. Place the enclosed “O” ring onto the end of the vacuum sweeper hose. Insert the hose into the round end of the adapter. Reposition the “O” ring to insure a snug fit.
2. Remove the nozzle of the adapter (snap off/snap on).
3. Remove the protective cover of the petri dish filter assembly and place it into the adapter—paper filter side facing the nozzle. Replace the nozzle.
4. Begin vacuuming the surface to be examined. Visually inspect the filter from time to time to be certain that it does not overflow.
5. After covering a specific area, raise the adapter so that the nozzle is facing upward, and then switch off the vacuum motor. This will prevent the evidence collected from falling out of the filter assembly.
6. While still holding the adapter vertically, tap on the sides in order to dislodge any evidence that may be clinging to the interior of the nozzle.
7. Remove the nozzle, and then remove the petri dish filter combination. Place the protective cover onto the petri dish. Package for transmittal to your crime laboratory**.

