

WIPE INSTRUCTION

To take a wipe from an ECD it must be at room temperature. An ECD does not need to be removed from the GC to perform a survey.

The C.J.B. & CO. Wipe-Kit consists out of two separated cotton-tipped swabs in a plastic "Zip-Loc" bag. **The regulations require that you moisten the swabs prior to use. This is to improve "pick-up ability". (Dip in pure alcohol and swing out excess.)**

Both wipes are to be taken from the total metal surface area of the ECD but not the insulation material.

Typically the first wipe will have a somewhat higher reading than the second. Having two readings will give an indication of the removability of the radioactivity. The amount shown on the Record Sheet is the average of the two measurements.

To avoid fiber-glass particles or dust from effecting the reading, it is recommended that the ECD surface be lightly dusted with a clean moist cloth, after the cover is removed. Avoid touching the to-be-wiped parts. Wash the hands well, before and after performing the survey or use surgical gloves. Only touch the upper inches of the applicators.

Be sure to Sign and Date the LEAK-TEST RECORD SHEET. Also write the ECD S/N on both the RECORD SHEET and the Zip-Loc Bag containing the Swabs.

Beginning at the top apply moderate pressure while rubbing the rotating cotton covered end of the first swab over the ECD's surface towards the exit of the ECD, at the vent tube. Place this swab in the zip-loc baggie. With the second swab, repeat the process, again starting at the least likely contaminated area of the ECD, toward the most likely contaminated area. You need not remove the column insert.

NOTE: When starting up your GC, allow the ECD to heat up, prior to turning on the column oven.