Models WT-A, WT-B, WT-AB Wipe Test Adaptors

The WT-A (Alpha), WT-B (Beta) and WT-AB (Alpha and Beta) are used to detect Alpha and/or Beta radiation on wipes from wipe tests. The levels are then measured with Pylon’s AB-5.

Applications:

• Ideal for wipe tests
• Area surveys
• Area scanning
• Radon surveys

Features:

• Easy to use
• Reads out alpha, beta, or alpha and beta surface contamination
• Very small
• Handy
• Lightweight
• Manufactured to a nominal counting efficiency
• Accepts standard commercial wipes

Theory of Operation:

The detector assembly mounts directly on the PMT tube housing on the AB-5 front panel. The wipe is then placed in the assembly and read. This method allows the user to quickly measure radioactive particles on the surface of the wipe which, in turn, quickly and easily locates contamination in the area.
Specifications:

<table>
<thead>
<tr>
<th>Model</th>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>WT-A</td>
<td>A201650</td>
<td>Wipe test alpha detector assembly</td>
</tr>
<tr>
<td>WT-B</td>
<td>6201622</td>
<td>Wipe test beta detector assembly</td>
</tr>
<tr>
<td>WT-AB</td>
<td>6201623</td>
<td>Wipe test alpha/beta detector assembly</td>
</tr>
</tbody>
</table>

1 Lowest Activity Detectable.
2 At a 2σ Confidence Level.
3 Custom Calibrations Available. Custom calibrations include multi-point calibrations and calibrations at non standard activity levels.
4 Non-Condensing.

Values are nominal.
Specifications are based on new units which have been appropriately calibrated.
Alpha Efficiency refers to an Am241 point source in the wipe position.
Beta Efficiency refers to a Sr90/Y90 point source in the wipe position.

DETECTION UNITS