## **Hassle-Free Data Integrity**

If you require the highest level of data integrity, then the TSI® AeroTrak™+ A100 Series Portable Particle Counters (APCs) are engineered for you. Simply enable security to access all the features designed specifically around ALCOA+ principles and Part 11/ Annex 11 requirements. Features like a large data buffer, PDF reporting, and the ability to contemporaneously add comments to a record ensures all data is complete, consistent, and accurate.

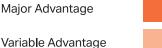




Major Advantage

Depends on APC and

user procedures



Major Disadvantage



Variable Disadvantage Depends on APC and user procedures

| TSI° AeroTrak™+<br>Portable APC<br>A100 Series   | Advantages |   |                | Disadvantages  | Other APCs that<br>Claim Part II/Annex 11<br>Compliance |
|--|------------|---|----------------|--|---|
| Attributable   |            | A |                | Attributable   |   |
| User automatically attributed to all actions   |            |   |                | User automatically attributed to all actions   |   |
| Legible  |            |   |                | Legible  |   |
| Records and reports can be exported in an easy to read enduring format (PDF)   |            | L |                | Records may be stored in a format which requires special software to read  |   |
| Contemporaneous  |            |   |                | Contemporaneous  Comments can only be added manually to a record that has been printed out   |   |
| Comments can be added electronically to a record at any time   |            |   |                |  |   |
| Original or True Copy  |            |   |                | Original or True Copy  |   |
| <ul> <li>250,000 record data buffer assures original<br/>data will be available</li> <li>Comments are added to stored data,<br/>not on a printout or report</li> </ul>   |            |   |                | <ul> <li>Small data buffer requires data to be frequently<br/>copied to prevent losing data</li> <li>Printed records with manually added comments<br/>do not match stored records</li> </ul> |   |
| Accurate   |            |   |                |  | Accurate  |
| Prevents having the wrong location associated with a result:  Warning box if previously sampled location selected  Locations color coded per sample status during selection  Automated location selection using NFC tags or barcodes |            | A |                | No method to prevent having the wrong location associated with a result  |   |
| Complete   |            |   |                |  | Complete  |
| Record created for all samples including:  Aborted samples  An incomplete sample due to a power failure  |            | + |                | Records may not be created for all started samples   |   |
| Consistent   |            |   |                |  | Consistent  |
| <ul> <li>Easy to configure to assure monitoring locations<br/>are sampled consistently</li> <li>Workflows can be setup to manage samples that<br/>need to be collected</li> </ul>  |            |   |                | Some may be difficult to configure for monitoring locations  |   |
| Enduring   |            |   | <u>Endurin</u> |  | Enduring  |
| 250,000 records can be stored on the instrument – that is 50 years of data if 20 samples are taken 5 days a week, 50 weeks a year  |            | + |                | Instruments with a small data buffer will need to write over records after a short period of time  |   |
| Available  |            |   |                |  | Available   |
| Many filtering options to quickly find records of interest   |            | - |                | Limited options for filtering records may require scroll through large number of records to find the records of interest   |   |

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