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.

® Knowledge Beyond Measure.

- Major Advantage
- Variable Advantage — Depends on APC and user procedures
- Major Disadvantage
- Variable Disadvantage — Depends on APC and user procedures

TSI® AeroTrak™+ Portable APC A100 Series	Advantages			Disadvantages	Other APCs that Claim Part II/Annex 11 Compliance
Attributable	User automatically attributed to all actions	A		**Attributable**	User automatically attributed to all actions
Legible	Records and reports can be exported in an easy to read enduring format (PDF)	L		**Legible**	Records may be stored in a format which requires special software to read
Contemporaneous	Comments can be added electronically to a record at any time	C		**Contemporaneous**	Comments can only be added manually to a record that has been printed out
Original or True Copy	▪ 250,000 record data buffer assures original data will be available ▪ Comments are added to stored data, not on a printout or report	O		**Original or True Copy**	▪ Small data buffer requires data to be frequently copied to prevent losing data ▪ Printed records with manually added comments do not match stored records
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		**Accurate**	No method to prevent having the wrong location associated with a result
Complete	Record created for all samples including: ▪ Aborted samples ▪ An incomplete sample due to a power failure	+		**Complete**	Records may not be created for all started samples
Consistent	▪ Easy to configure to assure monitoring locations are sampled consistently ▪ Workflows can be setup to manage samples that need to be collected	+		**Consistent**	Some may be difficult to configure for monitoring locations
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	+		**Enduring**	Instruments with a small data buffer will need to write over records after a short period of time
Available	Many filtering options to quickly find records of interest	+		**Available**	Limited options for filtering records may require scroll through large number of records to find the records of interest

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