



SCITECX LAB AB



Application Note **EN**
cod. e0001

Data Integrity
rev. 00 - 06/2020





SCITECX LAB AB

Application Note - cod. e0001

Data Integrity

In order to guarantee correct, traceable and non-alterable management of the stored data, the HyAS air sampler has the following features:

- Three levels access control
- Report generated on a PDF file
- Uniqueness of the report
- Data storage
- Save data on a USB 2.0 stick

Three levels access control

The definition of three user levels permits a separated access to the instrument functions. The access to a function is protected by a modifiable password.

The three levels are defined as follows:

Level	Description
1	Simple User
2	SuperUser
3	Administrator

The higher the level, the more functions are enabled.

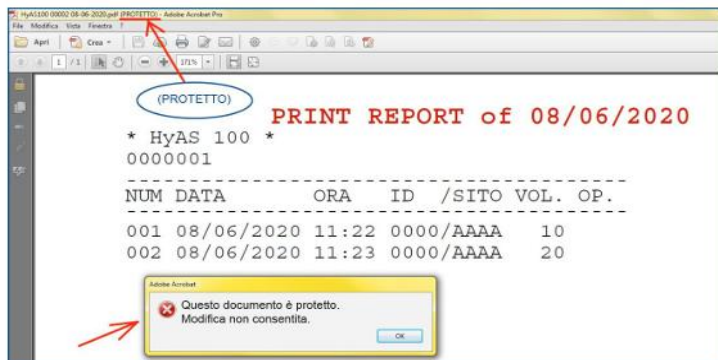
The instrument will ask for a numeric password (4-digit) any time the user will try to use a function not permitted by his role.

In the following table it is shown all the operations that a user can perform according to his level.

Operation	Enabled Level		
	1	2	3
Start a sampling with the displayed volume	√	√	√
Select programmed volume/multiphase cycle	NO	√	√
Modify date and time	NO	√	√
Set up a delay	NO	√	√
Export data to USB stick	NO	√	√
Modify programmed volume/multiphase cycle	NO	NO	√
Set/Modify password	NO	NO	√
Delete data (only those older than two years)	NO	NO	√

Report generated on a not modifiable PDF-file

Every completed sampling is saved in the instrument memory.
It is possible to export the data in a not-modifiable PDF file





Each report includes the unique information related to the executed sampling



Uniqueness of the report

In order to ensure the uniqueness of the report, every time a counter is included in the file name every time the report is generated. For example

Nome	Data	Tipo	Dimensione	Durata
 HyAS100 00002 08-06-2020.pdf	08/06/2020 11:28	Adobe Acrobat D...	2 KB	
 HyAS100 00002 08-06-2020.pdf				

Data storage

The sampling data saved in the instrument memory are stored for **two years**
During this period it is not possible to delete them

Save data on USB-stick

It is possible to export the stored data on a USB 2.0 Stick.

