

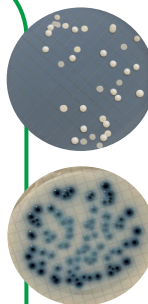
THE APPLICATION QUESTIONS

Question n°1 :

"Do you have any recommendations to make **filtration membranes** reading easier on automated scans?"

The parameters can vary from one case to another, but in general, for filtration membranes:

- On a **PCA / TSA medium** or medium of this type, there is a 90% chance that the colonies are **white / cream** → favor **black membranes** (application: environment / pharmacology / cosmetology).
 - On a **chromogenic medium, Slanetz / TTC** type, the colonies are **colored** → favor **white membranes** (application: food / hydrology)
- Set a plate diameter of **55 mm** (the scan does not zoom on the membrane, but on the box).
- Favor the **top lighting** to have a better contrast.



Question n°2 :

"Are glass Petri dishes compatible with the dataLink Pro?"

Yes, glass Petri dishes are **compatible with the dataLink Pro** if they are the same size as the plastic dishes. If not, ask about the size of the plate to confirm compatibility with the R&D department.



Question n°3 :

"Can the Scan 50 count **bacteriophage plaques**?"

The scan 50 allows to create a contrast thanks to a backlighting, so in principle, yes, **it is possible to count the bacteriophage plates**. However, it is necessary to check the size of the plates.



Question n°4 :

"Is it still possible to use **Neofilm™** with the Scan 4000?"

Yes, it is possible to use **NeoFilm™** with the Scan 4000. However, this term is no longer used in the catalog because **NeoFilm™** and **Sanita-Kum™** have become **MC-Media Pads™**.

Question n°5 :

"Can automatic scans count Petri dishes with **more than 300 colonies**?"

In theory there is **no limit** to the number of colonies that can be counted with automatic colony counters, as long as the colonies are readable by the scan. In microbiology, however, a count below 30 or above 300 is considered uninterpretable.

Question n°6 :

"Can we use the **FlexiPump** with an **unconventional medium**?"

The **FlexiPump** can be used with **all kinds of media** as long as it is liquid and homogeneous. As the **density** (Density = Mass / Volume) is given during the calibration, it allows to have a percentage of error as good as if we used a classic medium or water. The only condition is to have a **homogeneous** medium, so if necessary, homogenize the medium during the distribution with a magnetic stirrer for example.

THE APPLICATION POINT

Choice of **FlexiPump** tubing

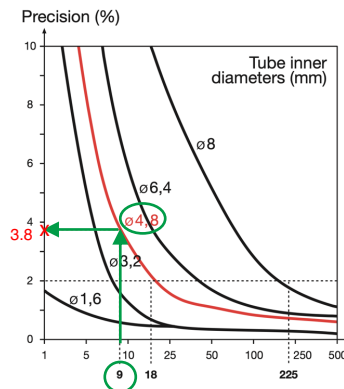
Depending on the internal diameter of the tubing used with the **FlexiPump**, the pouring accuracy of the delivered liquid dose may vary. These two diagrams show the correlation of the three parameters: **Volume to be delivered / Pouring accuracy / Internal diameter of the tubing**.

Examples:

- "What is the accuracy of 9 ml of medium delivered with the **FlexiPump** using our 4.8 mm diameter tubing?" Accuracy = 3.8 %
- "What tubing diameter should I choose to deliver 5 ml of water using the **FlexiPump Pro** with an accuracy of approximately 2 %?" Tubing diameter = 3.2 mm

Example, with the **FlexiPump®**:

A.



FlexiPump® Pro:

B.

