

# LABO XS SENSOR

Small volume filtration unit equipped with a digital pressure sensor..

Get more insights in the filtration process.

## CONCEPT

This is an evolution of our Labo XS Eco housing. It has a built in digital sensor, allowing you to monitor precisely the pressure drop over the filter in time. When a datalogger is connected to the sensor, you can store and export the measurement data to a file and compare the filtration behavior of different liquids, filter media or micron ratings.

## PERFORMANCE

Flow rate is typically between 0.5 and 2 liters/minute.

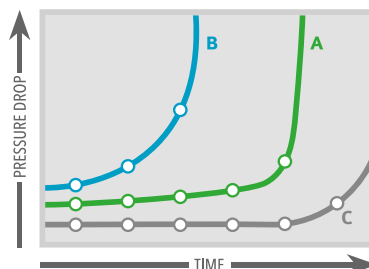
The pressure sensor specifications :

- 0...4 bar (Accuracy  $\leq 0.2\%$ )
- Output signal: 4...20 mA, 2-wire technology
- IP65

Other measurement ranges possible. The pressure sensor has a flush mounted metal diaphragm (SUS316L) with O-ring seal (standard EPDM), insert in the housing having a smooth surface, all easy to clean.

## PRODUCTIVITY

Especially for research purpose, the Labo XS Sensor is the perfect tool. Use the pressure drop data to better understand what is happening when doing a filtration test. Produce objective measurement data to compare results.



## MATERIALS OF CONSTRUCTION

Housing ..... SUS316L (Optional: PTFE)

Gasket & O-rings ..... EPDM (Optional: FKM, Silicone, FEP+FKM)

## MAX. OPERATING CONDITIONS

Temperature ..... 0 to 40°C

Pressure ..... 0 to 5.0 bar

## DIMENSIONS & CONNECTIONS

In/Outlet connection G1/4 (BSP straight)

Ordering Code :  
Housing : P011-1102  
Support Frame : P011-2000

... **arranged.**

Filtration systems

Meremweg 37C  
3740 Bilzen - Belgium

+32 89 656 321  
+32 89 656 801

assist@arranged.be  
[www.arranged.be](http://www.arranged.be)