

CAUTION:

The source of your sample contamination may be lurking within your serological pipette device.



HydroBlok™ is a novel filter technology which aids in the reduction of serological pipette sample cross contamination and device failure.

- ✓ HydroBlok™ Stops, blocks and locks upon wetting to help reduce incidents of cross contamination via re-introduction of fluids from one aspiration to the next in serological pipette devices.
- ✓ HydroBlok™ is an advanced filter device offering significant improvement over the often overlooked insufficient components in use by many operators.
- ✓ HydroBlok™ is a multi-layer barrier which demonstrates higher retention than standard single layer devices.
- ✓ HydroBlok™ creates less back pressure which helps to extend battery life and reduces wear and tear in motorized units.
- ✓ HydroBlok™ inserts in the device similarly to that of standard filters, generally in less than 1 minute.
- ✓ Indication of need-to-replace is plainly evident by halted operation.
- ✓ Multiple design configurations are available to match the geometry of a standard filter for broad device compatibility.
- ✓ Compatible with most serological pipette and liquid handling controllers; metered bulb, motorized, premium or budget, imported or domestic.
- ✓ Once inserted the function of the filter is no different from a standard hydrophobic filter until it becomes wetted.
- ✓ Porosities available: 0.80µm high-flow and 0.22µm, sterile and non-sterile versions.
- ✓ Custom configurations and OEM are available.
- ✓ Convenient to use environmentally friendly packaging.
- ✓ I.W. Tremont is a trusted analytical and technical filter supplier founded in 1979 who proudly manufactures in the U.S.A.

HydroBlok™ functions via use of proprietary designed, multi-layered series of membranes placed within an ultrasonically welded device which creates a check-valve effect when wet. The functional membrane within the series immediately reacts in presence of aqueous solution by stopping and blocking further passage¹.

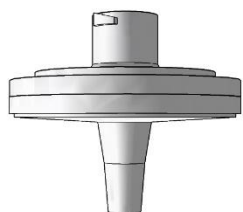
The materials create a highly retentive pore structure which helps protect the user environment². The extraordinarily high flow rates compared to other simple hydrophobic barrier filters creates a high-flow, less restrictive path for vacuum and positive pressure to pass.

Unlike simple hydrophobic barrier filters, once HydroBlok™ is wetted it halts operation and locks out further usage until replaced. No further aspiration is possible, thus helping to protect your sample³ and making it plainly obvious the filter has become wet and replacement is necessary.

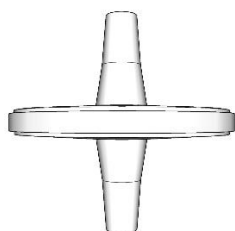
Don't entrust your samples, hard work and accuracy to just any filter – choose HydroBlok™

HydroBlok™ devices are available as LabExact® brand or OEM.

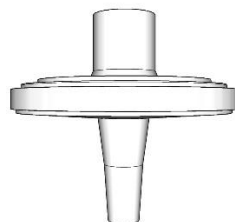
Housing design types (25mm diameter):



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| Model 1 | Female Luer-Lock with Male Slip Port, high-flow 0.8µm |
| Model 1-S | Sterile, Female Luer-Lock with Male Slip Port, high-flow 0.8µm |
| Model 2 | Female Luer-Lock with Male Slip Port, 0.22µm |
| Model 2-S | Sterile, Female Luer-Lock with Male Slip Port, 0.22µm |



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| Model 3 | Male Slip Port with Male Slip Port, high-flow 0.8µm |
| Model 3-S | Sterile, Male Slip Port with Male Slip Port, high-flow 0.8µm |
| Model 4 | Male Slip Port with Male Slip Port, 0.22µm |
| Model 4-S | Sterile, Male Slip Port with Male Slip Port, 0.22µm |



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| Model 5 | Female Slip Port with Male Slip Port, high-flow 0.8µm |
| Model 5-S | Sterile, Female Slip Port with Male Slip Port, high-flow 0.8µm |
| Model 6 | Female Slip Port with Male Slip Port, 0.22µm |
| Model 6-S | Sterile, Female Slip Port with Male Slip Port, 0.22µm |

1 – Continue to use good laboratory practices and aseptic procedure in sample handling.

2 – Continue to use safety procedures and equipment as required.

3 – No guarantee of sample preservation or contamination protection is implied.