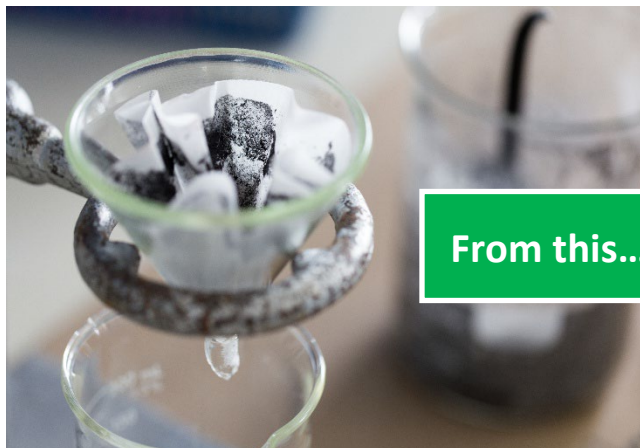




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A new LabExact® exclusive: HandiPrep™

The versatile filtration device that shortens sample-prep workflow and makes more efficient use of sample fluids.

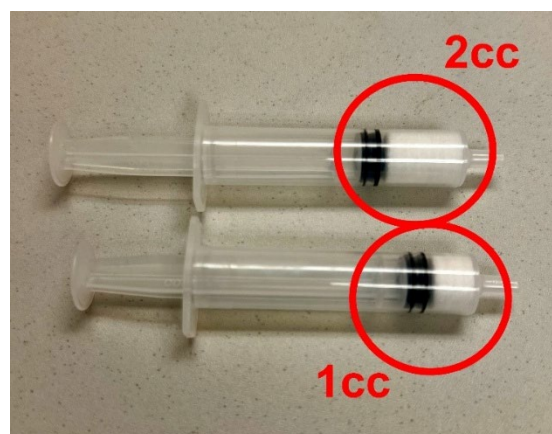
HandiPrep™ is a new sample preparation filtration device designed to perform filtration of high viscosity fluids and clarification of heavily precipitated suspensions.

The device performs filtration without the requirement of an external syringe filter allowing maximum yield via low hold up volume. HandiPrep™ replaces several steps in sample preparation often requiring serial filtration in step down porosities which:

- Saves time
- Uses less sample volume
- Reduces prep time and clean up
- Mitigates the risk of cross contamination
- Clarification of viscous fluids such as oils, fuels, extracts, dilute creams & pastes

Features:

- 5 filter versions available
- 4 filter media types
- Compatible with aqueous and non-aqueous samples*
- Versions available for viscous fluids 1-10,000cps**
- Filtration output ranges from 1 -2µm
- Polypropylene housing with silicone plunger
- Syringe barrel is 5ml capacity
- Can be used in vacuum SPE manifolds without plunger
- Significantly reduces fluid holdup by compression of media for highest sample fluid yield



* Verify chemical compatibility prior to use ** Each filtration media has a unique viscosity capacity

Model	Catalog Number	Material	Description
Model A	LE-HP-MODELA	2cc PP media	LabExact Model A in filter clarification device, 5ml volume capacity, PP media double stack, very cloudy suspension to 1micron output, 100/pk
Model B	LE-HP-MODELB	1cc PP media	LabExact Model B in filter clarification device, 5ml volume capacity, PP media, medium cloudy suspension to 1micron output, 100/pk
Model C	LE-HP-MODELC	1cc Cotton media	LabExact Model C in filter clarification device, 5ml volume capacity, cotton media, very cloudy suspension to 2micron output, 100/pk
Model D	LE-HP-MODELD	1cc Binderless glass	LabExact Model D in filter clarification device, 5ml volume capacity, binderless glass media, medium cloudy suspension to 1micron output, 100/pk
Model E	LE-HP-MODELE	1cc Organic binder glass	LabExact Model E in filter clarification device, 5ml volume capacity, glass media organic binder, medium cloudy suspension to 2micron output, 100/pk

Food & Beverage Industry

- Food safety SOP's such as Mycotoxin inspections including sampling, general sample preparation corn (including dent or field corn, corn meal, corn, flour, cracked corn, corn grits or polenta, and corn screenings) flaking corn grits, corn germ meal, corn gluten meal, corn/soy blend, corn starch, distillers dried grains with soluble (DDGS), popcorn, rough rice, brewer's rice, sorghum, and wheat (including whole grain wheat flour, wheat middlings, wheat red dog, wheat flour 2nd clear, and wheat screenings).
- Honey filtration – Removes wax, pollen, and other impurities.
- Syrup purification – Ensures smooth consistency in corn syrup, maple syrup, etc.
- Dairy processing – Clarifies milk-based products like yogurt or cheese.
- Edible oil refining – Filters out particulates prior to analysis.

Chemical & Petrochemical Industry

- Polymer and resin filtration – Removes unwanted solids during polymer synthesis.
- Lubricant purification – prepares sample for analysis in high-viscosity lubricants.
- Adhesive and sealant processing – Filters out clumps for further dilution analysis methods.
- Oil & Gas Industry -Crude oil and fuel processing – Separates sediments and particulates.
- Hydraulic and gear oil filtration – clarifies and reduces trapped air from cavitation.
- Paints, Coatings & Inks - Paint and pigment dispersion for analysis.

Cosmetics & Personal Care

- Lotions and creams – Prepare pastes and creams post dilution for analysis.
- Mascara and nail polish production – Filters out unwanted particles and fibers for consistency in analysis

Wastewater Treatment & Environmental Applications

- Sludge dewatering – Removes excess water from thick sludge.
- Industrial effluent filtration – Treats highly viscous waste samples for analysis.

HandiPrep™ is not designed to be used as an absolute filter. Its primary application is a preparatory stage separation device which takes the place of larger fluted filter or buchner funnel filter procedures.

In use with a SPE vacuum manifold it is suggested that the sample fluid be decanted into the open barrel after the receiver vial is in place and vacuum is initiated. This sequence as common in most mini column SPE operations is to prevent initial media saturation leakage prior to intended operation. Adsorbents such as C8 & C18 may be added to the filter stack prior to sample introduction. The activation and elution steps are similar.

Known competitive equivalents by formfactor, use and/or media type. *More alignment information available upon request:*

Neogen 9420

Cytiva "autovial" AV125UPP

Cytiva "autovial" AV115UGMF

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