

CONCENTRATING PIPETTE SYSTEM

# FLUIDPREP™

by INNOVAPREP®

*Say goodbye to tedious  
and time-consuming  
sample prep!*

**SAMPLE-TO-RESULT**  
in a single shift

**EXPONENTIAL CONCENTRATION**  
up to 10,000x

**FASTER, EASIER WORKFLOWS**



Highly efficient for viruses, bacteria, fungal spores and  
fragments, whole cell, exosomes, parasites and more

Improve detection of trace microorganisms

Optimize workflows to stay ahead of  
contamination and illness threats

TRANSFORMS WORKFLOWS | EFFECTIVE | USER-FRIENDLY OPERATION

# Concentrating Pipette Select

CP SELECT™

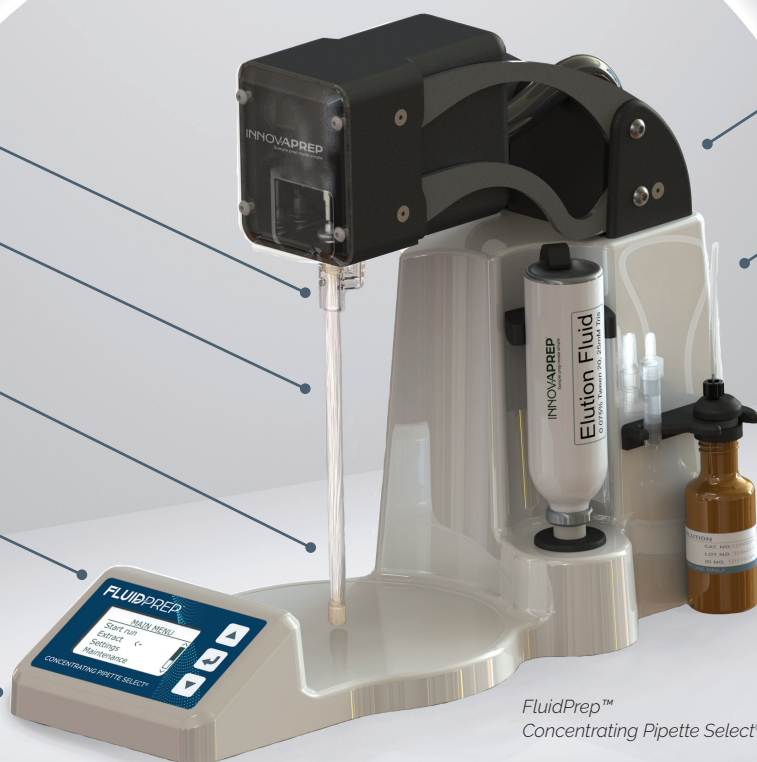
Processes sample volumes up to 5L

No cross contamination between samples

Robust concentration and simultaneous buffer exchange

12 customizable menu parameters to optimize for various matrices

Repeatable results between users



FluidPrep™  
Concentrating Pipette Select®

## Workflow

With InnovaPrep's Wet Foam Elution™ method, extracting particles from liquids goes from complex to simple!



### COLLECT

Collect your liquid sample in sample container.



### PREP

Capture particles onto a hollow fiber filter (Concentrating Pipette tip). In just five seconds, efficiently elute particles from the filter.



### DETECT

The eluted samples are perfect for both traditional culture or rapid molecular analysis methods, including PCR and next-generation sequencing.

- Using robust filtration and InnovaPrep's patented Wet Foam Elution™ process, the system delivers a highly concentrated sample that improves sensitivity for detection.
- Single use Concentrating Pipette Tips come in a range of pore sizes.

PREP DETAILS

Applications

DISEASE  
MONITORING

ENVIRONMENTAL  
MONITORING

BEVERAGE  
& BREWING

ANIMAL HEALTH  
& AQUACULTURE

Displaces centrifugation, ultracentrifugation and culture enrichment

Simplifies concentration from complex matrices (e.g. carbonated, turbid or clinical specimens)

Concentrated elution volumes as low as 200 µl, irrespective of your starting sample volume

Delivers exceptional Concentration Factors (CF) via the combination of exponential concentration and high efficiency recovery of captured particles

## Effective For

- **VIRUSES**
- **BACTERIA**
- **FUNGAL SPORES & FRAGMENTS**
- **WHOLE CELLS**
- **EXOSOMES**
- **PARASITES**
- **MORE...**

# Wet Foam Elution™

PATENTED TECHNOLOGY

InnovaPrep® products use a patented technology for exceptionally fast and efficient concentration based on:

- Capture of microorganisms or particles from large volumes of liquid or air using robust filtration
- Instant recovery using Wet Foam Elution™ (WFE)

WFE uses a weak surfactant as a foaming agent and dissolved gas packaged in quick release canisters to dispense a powerful, yet gentle elution.

During elution, a small volume of buffer is quickly dispensed — expanding 6x into a viscous wet foam that lifts the trapped particles from the filter. Within seconds, the foam returns to a liquid, ready for downstream culture, molecular, sequencing or other advanced detection methods. The exceptional characteristics of the wet foam enable **concentration factors, up to 10,000x**.

## FluidPrep Elution Buffer

- Two standard elution buffers: PBS & Tris
- Extremely gentle for optimal results
- Custom formulations are available



| PHARMA

| BIOSURVEILLANCE

| DRINKING WATER  
& WASTEWATER

| FOOD  
SAFETY

| CLINICAL  
RESEARCH

# Sample Compatibility of Wet Foam Elution™

WITH DOWNSTREAM DETECTION METHODS

## 1. MICROSCOPY

- Light
- Fluorescence
- Electron

## 2. CULTURE

- Single-shift Enrichment (Screening)
- Selective (Identification)

## 3. IMMUNOLOGY

- Serotyping
- FISH
- Flow Cytometry
- ELISA
- Magnetic Beads

## 4. MOLECULAR BIOLOGY

- Genetic Typing
- 16S DNA
- DNA/RNA Sequencing
- PCR, RTPCR, ddPCR
- Sequencing, including NGS

## 5. BIOCHEMISTRY

- ATP
- Biotyping
- Fermentation
- Enzyme Detection
- Mass Spectrometry

**FLUIDPREP™**  
by INNOVAPREP®

## Transform your workflow to reduce sample-to-result time.

Detecting biological contaminants and pathogens requires effective sample prep and rapid sample-to-result turnaround. Traditional sample preparation is time-consuming and recovery of target organisms is hindered by matrix complexity and sample volume. Our patented sample prep technology simplifies sample preparation and streamlines your ability to detect biological targets with greater sensitivity and speed.

**Authorised Distributors in India:**  
**MULTITECH ENVIRO ANALYTICAL LLP**  
3-14 SIC, AUTHORITY BUILDING, DISTRICT CENTRE,  
JANAKPURI, NEW DELHI-110058  
PH: 011-42461403 | [WWW.MULTITECHENVIRO.IN](http://WWW.MULTITECHENVIRO.IN)  
[SALES@MULTITECHENVIRO.IN](mailto:SALES@MULTITECHENVIRO.IN)

**INNOVAPREP®**  
Sample prep made simple

Innovaprep LLC  
132 East Main Street, Drexel, MO 64742  
An ISO 9001:2015 Certified Company

Contact us for a demo or to order:  
[CUSTOMERSERVICE@INNOVAPREP.COM](mailto:CUSTOMERSERVICE@INNOVAPREP.COM)  
833.833.3763 | [INNOVAPREP.COM](http://INNOVAPREP.COM)