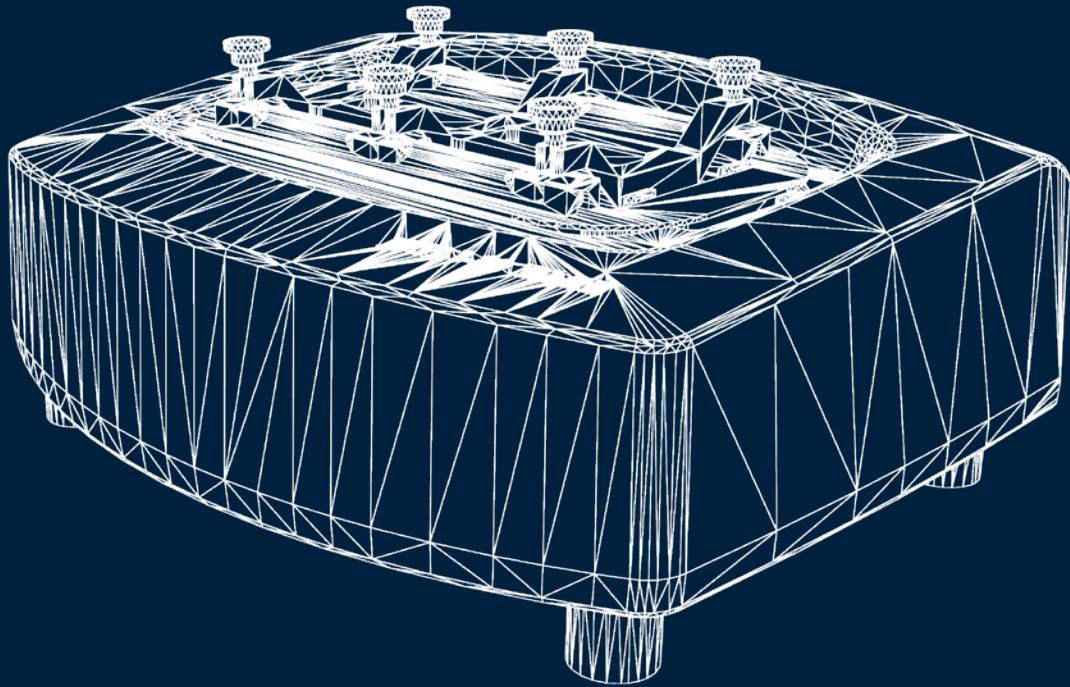


# The gold standard of clinical sample preparation



# About ETN

Extraction Technologies Norway AS was established in 2013 with a mission to save lives by disrupting the status quo and innovating sample preparation.

Based on our patented technology, we have developed the world's first commercial instrument (ETN-10 EME) that uses electro-membrane extraction to prepare clinical samples for analysis

*ETN-10 EME is the gold standard for the extraction of charged molecules from clinical samples for R&D and application development.*



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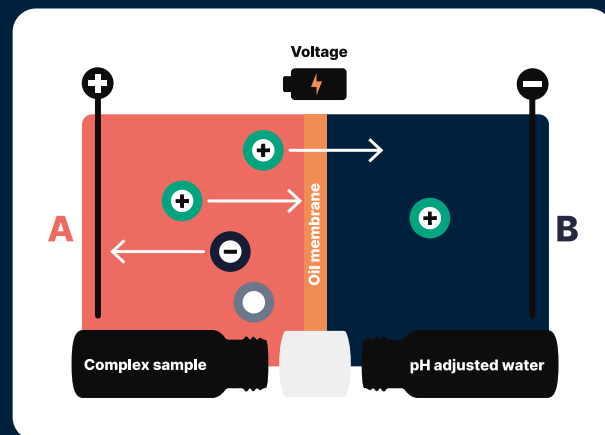
## What is Electro Membrane Extraction (EME)?

EME provides rapid extraction, efficient sample clean-up and high selectivity for ionizable compounds from clinical blood samples, other body fluids and environmental samples. Under optimized conditions, EME can provide pure samples for mass spectrometry directly, without need for chromatography.

### How does EME work?

Two separate compartments holding the sample solution and the acceptor solution, respectively, are separated by an organic solvent immobilized in the pores of a polymeric membrane, called the supported liquid membrane (SLM).

By applying an electric field across the membrane, charged analytes are transported by electrokinetic migration from the sample solution into the acceptor solution, while non-ionic analytes and ions of opposite charge are withheld in the sample solution.



### Short and simple:

- Non destructive
- Pure sample extracts
- Almost 100% recovery
- Enrichment possibility



## ETN-10 EME

World's first commercial Electro Membrane Extraction-instrument and the gold standard for the extraction of charged molecules from clinical samples for R&D and application development.

### Standardizing EME

We've standardized the EME process making it perfect for R&D and application development.

### Environmentally friendly

"Green" sample preparation method due to low power consumption and almost no need for organic solvents.

### Multi-sample/position capable

The first edition is a ten sample instrument. Later models will allow the use of 96-well format.

### Complete R&D kit

We provide the complete kit that you need to start using ETN-10 EME. The kit consists of: Vials, membranes, membrane fluids and QC standards.

### Fast and selective

EME offers fast and selective sample extraction of ionizable compounds from your clinical blood samples. No more "down time" for your (LC)-MS.

Visit our website – [etn-eme.com](http://etn-eme.com) – for more information and/or to preorder ETN-10 EME.



**Our goal is simple.** We're on a mission to save lives by disrupting the status quo and innovating sample preparation.

**Excellent reproducibility**

With EME's excellent reproducibility you move reproducibility issues from the sample preparation to the MS.

**Pure extracts**

Your sample is not destroyed, you may run the EME process again, and again, and again ...

**"Green" sample preparation method**

"Green" sample preparation method due to low power consumption and almost no need for organic solvents.



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