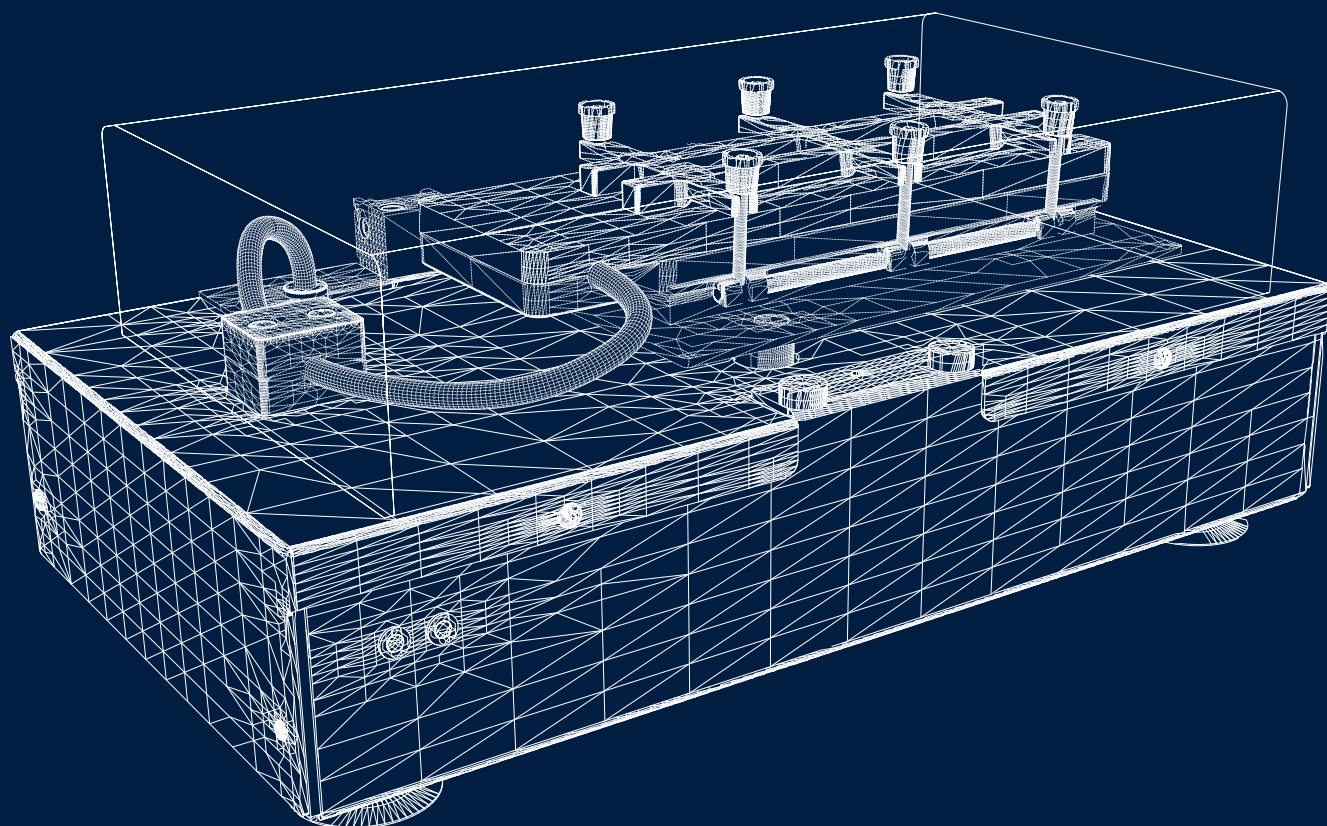


The gold standard of sample preparation



About ETN

Extraction Technologies Norway AS was established in 2013 with a mission to disrupt the status quo and create the gold standard of sample preparation.

Based on our patented technology, we have developed the world's first commercial instrument (ETN-12 EME) that utilize electro-membrane extraction to prepare samples for analysis.

ETN-12 EME is the gold standard for the extraction of charged molecules from samples for R&D and application development, e.g., pharma, environmental chemistry and veterinary medicine.



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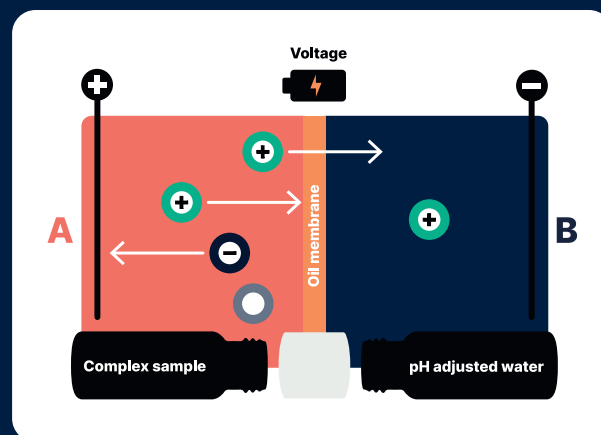
What is Electro Membrane Extraction (EME)?

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

How does EME work?

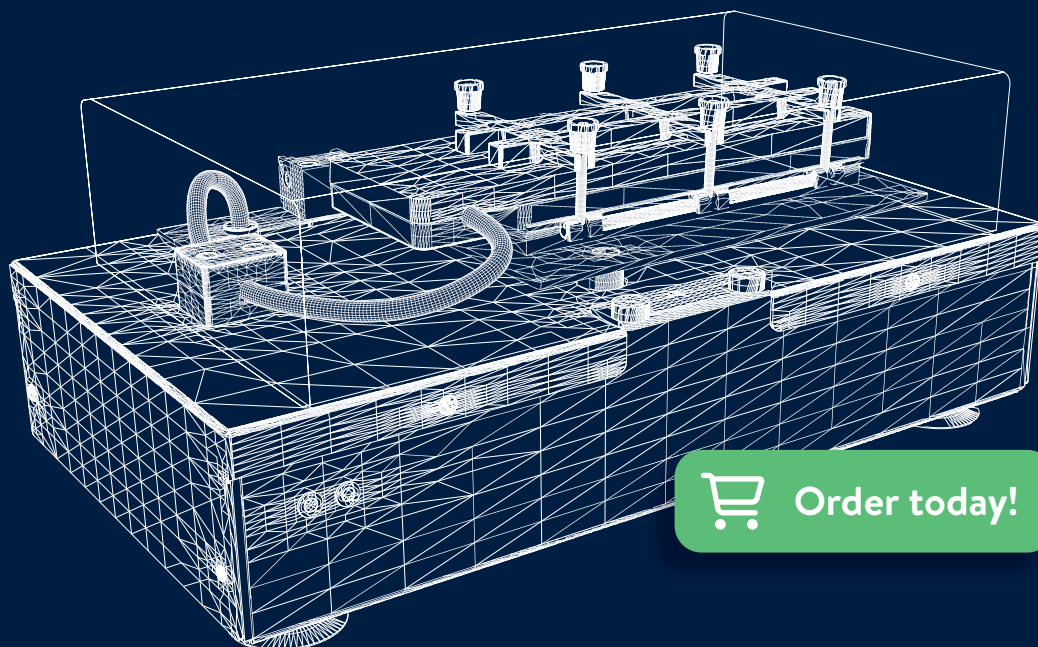
Two separate vials holding the sample solution and the acceptor solution, respectively, are separated by an organic solvent immobilized in the pores of a polymeric membrane, called the supported liquid membrane (SLM).

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 vial.



Advantages:

- Non destructive
- Pure sample extracts
- “Green” method
- Enrichment possibility



Order today!

ETN-12 EME

ETN is proud to launch the world's first Electromembrane Extraction instrument. ETN-12 EME offers a unique, efficient and a green sample preparation method to extract target molecules from complex matrices.

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.

Complete extraction kit

For an easy ETN-12 EME use, we provide you with an extraction kit containing: vials, membranes, unions and vial holder.

Fast and selective

EME offers fast and selective sample extraction of ionizable compounds from your complex matrices.

Multi sample capable

12 samples can be extracted in parallel. In future devices, it will also be possible to use 96-well plates.

Single step sample preparation

With ETN-12 EME, your sample preparation will require only one single step to achieve pure extracts ready for analysis.

Visit our website – etn-eme.com – for more information and/or to order ETN-12 EME.



Our goal is simple. We're on a mission to disrupt the status quo and create the gold standard of sample preparation.

Excellent reproducibility

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

Pure extracts

This EME sample preparation method is non-destructive i.e. you could re-extract your sample(s) whenever needed.

"Green" sample preparation method

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

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