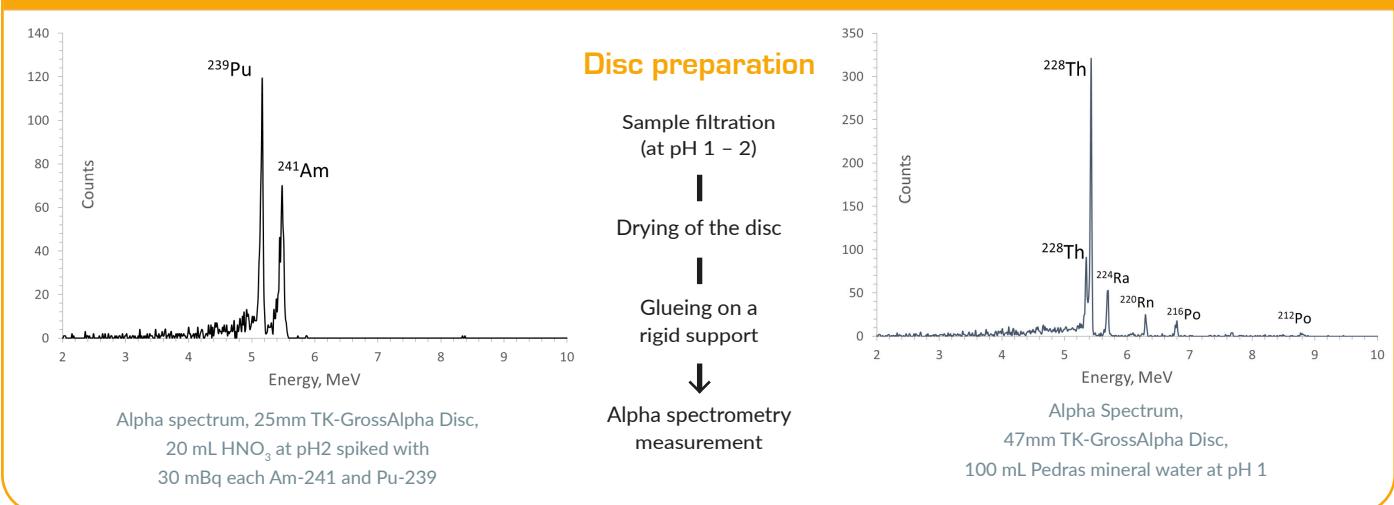


# Coming soon : Extractive Discs

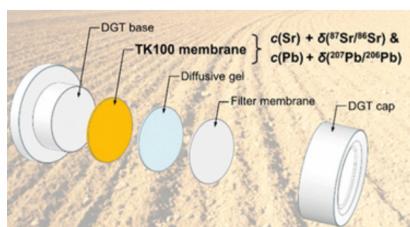


- Range of selective impregnated membrane filters
- Ø = 25mm and 47mm Discs will be available
- Various extractant systems (TK100, TK201, GrossAlpha, CU,...) in beta-testing
- More Discs under development
- For use in filtration or passive sampling set-ups

## Use of TK-GrossAlpha Discs for direct alpha spectrometry of aqueous samples



### TK100 Discs for passive sampling in soils



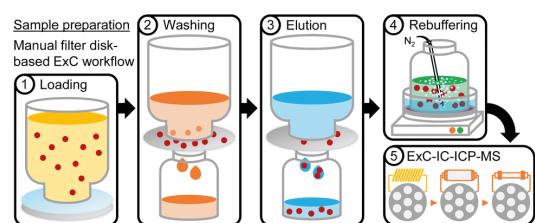
DGT set-up using TK100 Discs for Sr and Pb capture

« Selective Diffusive Gradients in Thin Films (DGT) for the Simultaneous Assessment of Labile Sr and Pb Concentrations and Isotope Ratios in Soils »

Anal. Chem. 2022, 94, 6338–6346

Stefan Wagner, Jakob Santner, Johanna Irrgeher, Markus Puschenreiter, Steffen Happel, and Thomas Prohaska

### TK201 Discs for Tc-99 preconcentration from waste water



Experimental setup, Tc-99 concentration and purification from waste water using TK201 discs for preconcentration

« Quantification of technetium-99 in wastewater by means of automated on-line extraction chromatography – anion-exchange chromatography – inductively coupled plasma-mass spectrometry »

J. Anal. At. Spectrom., 2024, 39, 2774-2782

Maximilian Horstmann, C. Derrick Quarles Jr, Steffen Happel, Michael Sperling, Andreas Faust, David Clases\* and Uwe Karst

### TRISKEM INTERNATIONAL

ZAC de l'Eperon – 3, rue des Champs Géons – 35170 Bruz – FRANCE  
Tel +33 (0)2.99.05.00.09 – E-Mail : contact@triskem.fr  
www.triskem.com

