ANALYSENTECHNIK

PFA VIALS, CUPS AND TUBES

High-performance vessels for ultra-pure sample handling

IDEAL FOR CHALLENGING APPLICATIONS

Our vessels give you ideal support when working with sensitive and precious samples under ultra-pure conditions and/or very small element concentrations are to be found. Exemplary applications are ultra-trace analysis, bioanalysis and pharmaceutics.

The vessels are made from ultra-pure PFA fluoropolymer and are available in various types and volumes.

KEY FEATURES OF PFA

:: Smooth and hydrophobic surface
:: Non-wetting and non-sticking
:: Without stabilizers and catalysts
:: No blanks and memory effects
:: Wide operating temperature (–200 °C up to +260 °C)
:: Translucent and non-breakable
:: Suitable for sterilization
:: Low-binding

OVERVIEW PFA VESSELS

ALL-IN-ONE VIALS

One vial for several sample preparation steps

:: Rounded inner bottom, flat outside with notches
:: Ideal for heating plates and autosampler racks
:: »Standard Vials« with OD 29 mm (15 – 50 mL)
:: »Mini Vials« with OD 22 mm (3 – 25 mL)
:: With volume marks
:: Threaded PFA closure available

AUTOSAMPLER TUBES

Sampling of aggressive and sensitive liquids

:: Fit in common autosampler racks
:: »Sample Tubes« (thick-walled) with rounded inner bottom and flat outside bottom
:: »Test Tubes« (thin-walled) with rounded bottom
:: Stopper lid (PTFE) available

SAMPLE CUPS & CENTRIFUGAL TUBES

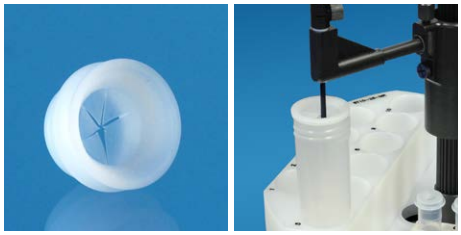
Handling of semiconductor and biochemical samples

:: Inside with conical and rounded bottom
:: With volume marks
:: Fits in common autosampler racks
:: Snap caps and different covers available

ACCESSORIES & OPTIONS

Wrench tool for All-in-One vials

For tight and safe sealing of vials which is enabled by notches in the outer vessel bottom. Prevents opening by hand.



‘Mitra’ lid for vials and cups

Lid with slots for autosampler applications to protect against falsification of concentration due to evaporation and against contamination.

Laser markings

For clear identification of vessel throughout its lifetime and to optimize the workflow. Marking area size up to 70 x 70 mm.

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