

# Solid Phase Micro Extraction

## Micro Extraction by Packed Sorbent (MEPS)

- **mini SPE columns** = barrel with needle  
**Barrel Insert and Needle assembly – BIN**  
**MEPS Syringe** – 100, 250  $\mu\text{l}$
- BIN sorbents RP, NP, mixed, ionex – 0.5 - 2 mg

### ADVANTAGES:

- small sample volumes ( $\approx 10 \mu\text{l}$  or more)
- fully automated (CTC autosampler)
- time and solvent saving (elution up to  $50 \mu\text{l}$ )
- reusable (40 – 100 x)
- easy to operate

