

# Electrode shaft for screen-printed electrodes



## Screen-printed electrodes for VA Analysis

### New possibilities using screen-printed electrodes

With the electrode shaft, you can now use screen-printed electrodes (SPE) in any Metrohm VA Stand. Whether you are doing voltammetric trace analysis or you want to explore new application fields with your own modified sensor, the electrode shaft allows simple use of SPEs. The electrode shaft can be used with Metrohm DropSens SPEs with 3 electrode layout and the dimension 34 x 10 x 0.5 mm (L x W x H).



### Benefits

- For all Metrohm VA Stands (884 Professional VA, 797 VA Computrace, 663 VA Stand)
- «Work in solution» setup
- Fast and easy exchange of SPEs

### Fields of application

- Trace analysis of heavy metals, e.g.:
  - Cd, Pb on a mercury film at a carbon SPE
  - Ni, Co on a bismuth film at a carbon SPE
- Experiments with undergraduate students, e.g.:
  - Reversible and irreversible redox reactions
  - Quantification of vitamin C in fruit juice at a carbon SPE
- Research in the field of SPE modification, e.g.:
  - Characterization of modified sensors
  - Use of modified sensors for quantitative analysis

## Ordering information

- |            |   |
|------------|---|
| 6.1241.090 | Electrode shaft for screen-printed electrodes (SPE) |
| 6.1244.060 | Silicone seal for SPE electrode shaft (10 pieces)   |

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