



946 Portable VA Analyzer (SPE)

2.946.0020

Portable metal analyzer for the determination of heavy metals. Device version for *screen-printed electrodes* (SPE). The system is comprised of potentiostat and separate measuring stand with integrated stirrer and replaceable electrode. The instrument is operated with the Portable VA Analyzer software. The power is supplied via the USB connector and via the integrated rechargeable battery. The device is supplied with all required accessories in a carrying case. Screen-printed electrodes are not included in the scope of delivery.

Below, the accessories are grouped into Scope of delivery and Optional accessories.
Please keep this printout at hand for ordering replacement material.
These lists may be subject to change.

Scope of delivery 2.946.0020

Qt.	Order no.	Description
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Portable, battery-operated measuring instrument with integrated potentiostat for trace determination of heavy metals in connection with the associated measuring stand. The instrument is operated with the Portable VA Analyzer software.



Stirrer tip for 946 Portable VA Analyzer.



Sample beakers, plastic (polypropylene, PP), 5 – 30 mL, graduated, suitable for 946 Portable VA Analyzer, 5 pieces



Plastic pipette for volumes of 0.5 mL, 1 mL, 2 mL, 3 mL, 4 mL, 5 mL



1 PCS 6.01562.010 Micropipette, 100 μ L

Mini-micropipette with 100 μ L fixed volume.



1 PCS 6.01620.000 Bottle, 30 mL, PP, set with 2 pieces

Plastic bottle, wide-neck, with screw cap.



2 PCS 6.01620.010 Bottle, 125 mL, PP

Plastic bottle, wide-neck, graduated, with labeling area and screw cap.



1 PCS 6.02108.000 USB mini - USB A, 2 m cable with two ferrite cores



1 PCS

6.02117.000

USB power supply unit 5 V / 2.1 A

USB charging device for 946 Portable VA Analyzer.

Power supply unit for the power supply of the 6.1115.100 Optrode if there is no USB connector available for this purpose on a Metrohm device (e.g. with older devices).



1 PCS

6.02135.000

Cable to measuring stand from 946 Portable VA Analyzer



1 PCS

6.02621.000

4 mm wrench



1 PCS

6.02707.010

Case for 946 Portable VA Analyzer

Case for 946 Portable VA Analyzer and accessories.



1 PCS

6.02813.000

Dummy cell for 946 Portable VA Analyzer

Dummy cell for instrument testing.



1 PCS

6.6082.000

Portable VA Analyzer Software 1.1

PC program for the 946 Portable VA Analyzer. The range of functions of the software include instrument and measuring stand control, data acquisition and evaluation, calculation of results and generation of reports.

- Easy-to-operate method editor
- Method templates for all important applications
- Display of measurement and calibration curves and analysis result
- Dialog languages: English, Chinese
- Supplied on USB memory stick



1 PCS

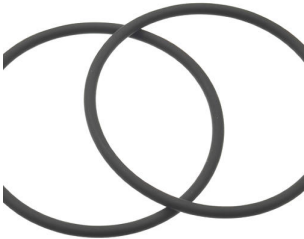
6.5340.020

Measuring stand (SPE) replacement for the 946
Portable VA Analyzer

Measuring stand for *screen-printed electrodes* (SPE), comprising a base plate, transparent ring, and measuring head.



Optional accessories

Order no.	Description	
6.01408.000	O-ring 46 x 2.5 mm For the 946 Portable VA Analyzer measuring stand. Set of 2 pieces.	
6.02135.010	Control line cable for 946 Portable VA Analyzer	
6.1244.060	Silicone seal for SPE electrode shaft (10 pieces) Seal made of silicone for SPE electrode shaft 6.1241.090 and measuring head (SPE) 6.01256.020, 10 pieces.	
6.01256.010	Measuring head (scTRACE Gold) for the 946 Portable VA Analyzer measuring stand Measuring head with built-in stirrer for measurements with the scTRACE Gold.	

6.01256.020 Measuring head (SPE) for the 946 Portable VA Analyzer measuring stand

Measuring head with integrated stirrer for measurements with *screen-printed electrodes* (SPE).



6.02708.020 Base plate for the 946 Portable VA Analyzer measuring stand



6.02708.030 Transparent ring for the measuring stand of the 946 Portable VA Analyzer



6.1241.210 Supporting ring for SPE electrode shaft

Supporting ring made of PTFE for SPE electrode shaft 6.1241.090 and measuring head (SPE) 6.01256.020.



6.1241.200

Nut for SPE electrode shaft

Nut for SPE electrode shaft 6.1241.090 and measuring head (SPE)
6.01256.020.

