

# Multi-Mode Electrode pro



Electrode for polarography and voltammetry

## Highlights

- Easy handling
- Easy maintenance
- Robust construction
- Outstanding reliability



## Multi-Mode Electrode pro – a proven product now even better

The Multi-Mode Electrode pro is the product of systematic further development of the proven Multi-Mode Electrode. A number of innovations and improvements make this electrode even easier to use, easier to maintain, and increase its lifetime. Overall, the result is an even more reliable electrode for polarography and voltammetry.

### **New, practical details ...**

The Multi-Mode Electrode pro is smaller and more compact than its predecessor. One new feature is that each Multi-Mode Electrode pro has its own individual serial number. In addition, there are markings on the electrode to indicate the minimum and maximum fill levels. Users can see at a glance whether there is still enough «fuel» available for operation. The electrode's electrical connection is now by way of a contact plug.

### **... for even more reliability and ease of use**

The Multi-Mode Electrode pro is made up of fewer components than its predecessor, so maintenance is easier. Moreover, the threads are now distinct, i.e. the needle holder and the capillary fit only into their respective positions. All the plastic screws are made of chemically and

mechanically stable PEEK, so wear is reduced to the minimum. Furthermore, the use of metal for the threads was deliberately avoided. Consequently, corrosion is no longer an issue, even under the most extreme working conditions.

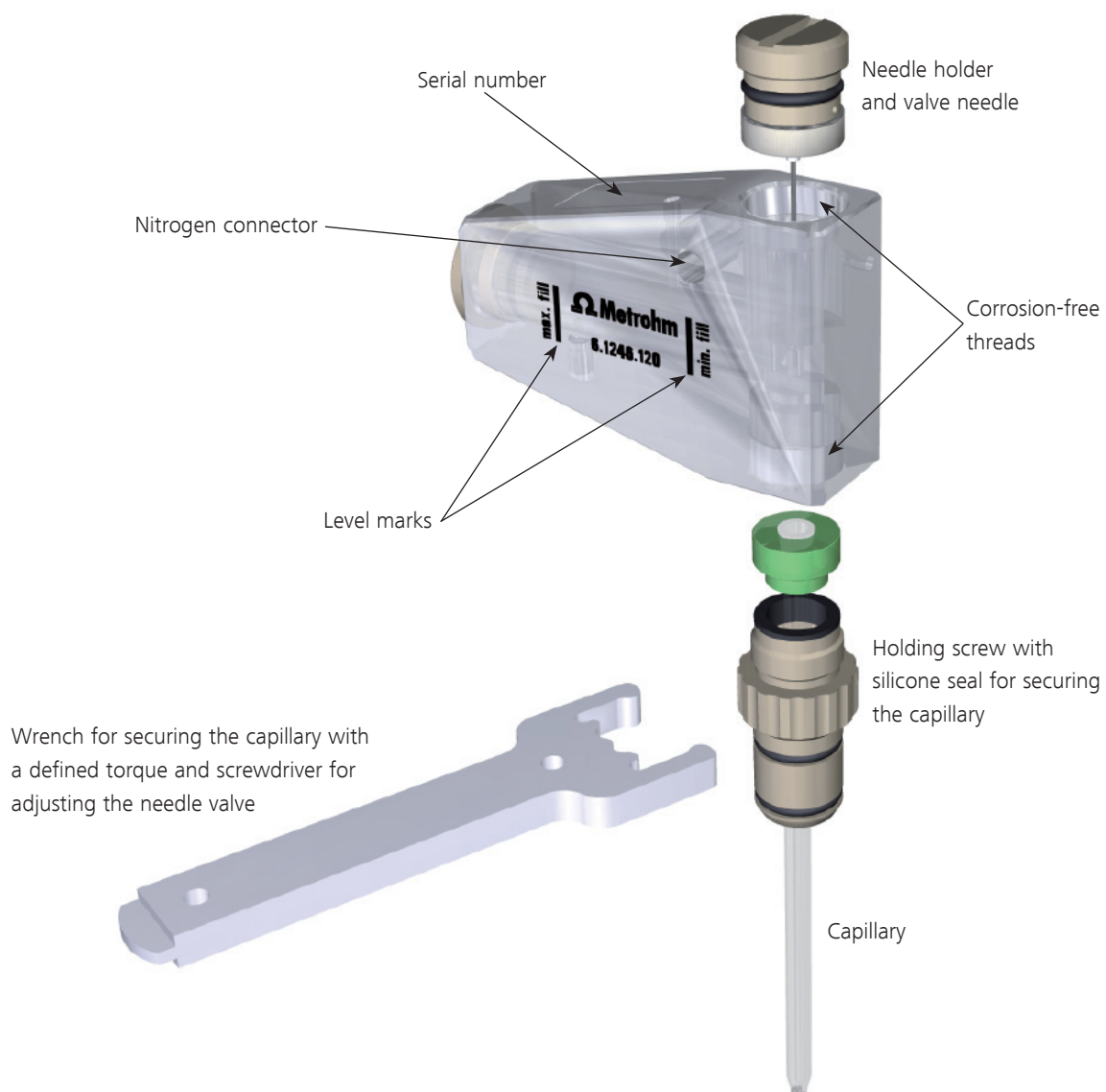
### **Practical accessories**

The new accessories also make work easier. With the help of the new wrench the capillary can now be secured with a defined torque. The wrench can also be used as a screwdriver to adjust the needle valve. In addition, the electrode stand has been completely redesigned. No matter whether the mercury is being replenished or the needle or capillary is being replaced, the electrode stand provides a secure base for the new Multi-Mode Electrode pro in every position.

Of course, the Multi-Mode Electrode pro still offers all the established advantages of the Multi-Mode Electrode, i.e. a hermetically sealed mercury reservoir, low mercury consumption and easy adjustment. Finally, maybe the best feature is that the Multi-Mode Electrode pro can be used with any of Metrohm's current VA instruments!

## Multi-Mode Electrode pro in detail

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### Further innovations

- Even smaller and more compact
- Fewer components
- All plastic screws are made of mechanically stable and chemically resistant PEEK
- Contact plug for the electrode cable
- Newly designed screw cap for the mercury reservoir
- Newly designed electrode stand to provide a secure base for filling with mercury or replacing the needle or capillary

### Technical specifications

Electrode body material	Polymethylmethacrylate
Weight	approx. 60 g (with capillary, without mercury)
Operating modes	DME – Dropping Mercury Electrode SMDE – Static Mercury Drop Electrode HMDE – Hanging Mercury Drop Electrode
Mercury reservoir	up to 6 mL (equivalent to approx. 81 g, enough for about 200'000 drops)

### Ordering information

6.1246.120 Multi-Mode Electrode pro

### Including

6.1247.220 Wrench for Multi-Mode Electrode

6.2615.130 Electrode stand for Multi-Mode Electrode pro

### Additional

6.1226.030 Mercury drop capillary (non-silanized, 10 pieces)

6.1226.050 Mercury drop capillary (silanized, 10 pieces)

6.1247.020 Needles for MME (3 pieces)



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