



Rotating disk electrode

AUT.RDE.S

The Autolab RDE is a high-end rotating disk electrode for measurements on systems where high rotation speed and low noise are required. The unit can go up to 10,000 rpm, a liquid Hg contact guarantees low noise. The PCTFE shaft has been designed to fit in Metrohm cell vessels, but also fits on most other electrochemical cells. The tip diameter is 10 mm, with an active surface diameter of 3 mm or 5 mm.

The rotation speed of the RDE is controlled manually with the button on the front of the motor control unit. The RDE can also be controlled remotely with the Autolab software. The rotation speed can be varied continuously between 100 and 10,000 rpm with a resolution of 1 rpm.

AUT.RDE.S

Qt.

Order no.

1 PCS

6.09395.024

Platinum electrode tip

Electrode tip made of platinum (Pt) for Autolab RDE, 3 mm electrode disc diameter, M4 thread connection. Temperature range: 0 - 40°C.



1 PCS

AUT.RDE.CTRL. AUT.RDE.CTRL.S

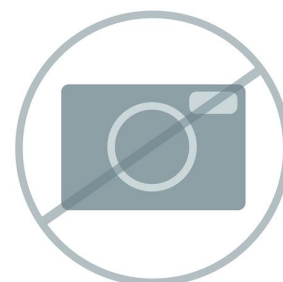
Metrohm Autolab Motor controller unit used to control the rotation rate of the rotating disk, rotating cylinder and rotating ring-disk electrodes. It can be used manually or remotely from the NOVA or INTELLO software



1 PCS

AUT.RDE. AUT.RDE.ELCBL

Electrode cable to connect the Metrohm Autolab potentiostats /galvanostats to the rotating disk and rotating cylinder electrodes.



1 PCS

AUT.RDE.ROT.S AUT.RDE.ROT.S

Autolab rotator for the rotating disk and rotating cylinder electrodes.



Order no.**6.09395.014 Glassy carbon electrode tip**

Electrode tip made of glassy carbon (GC) for Autolab RDE, electrode disk diameter 3 mm, M4 thread connection. Temperature range: 0 - 40 °C.



6.09395.034 Gold electrode tip

Electrode tip made of gold (Au) for Autolab RDE, electrode disk diameter 3 mm, M4 thread connection. Temperature range: 0 - 40°C.



6.09395.044 Silver electrode tip

Electrode tip made of silver (Ag) for Autolab RDE, 3 mm electrode disk diameter, M4 thread connection. Temperature range: 0 - 40°C.



RCE.EL**RCE.EL**

Rotating cylinder electrode for 12 mm OD cylinders. Cylinder insert in NOT included. Available cylinder materials: carbon steel 1018 (RCE.CYL.CS1018) and stainless steel 304 (RCE.CYL.SS304)



RDE.AG50.S

Silver working electrode 5 mm

Silver working electrode with a disk diameter of 5 mm.



RDE.AU50.S

Gold working electrode 5 mm

Gold working electrode with a disk diameter of 5 mm.

