

## Mini Rotating Disk Electrode Kit

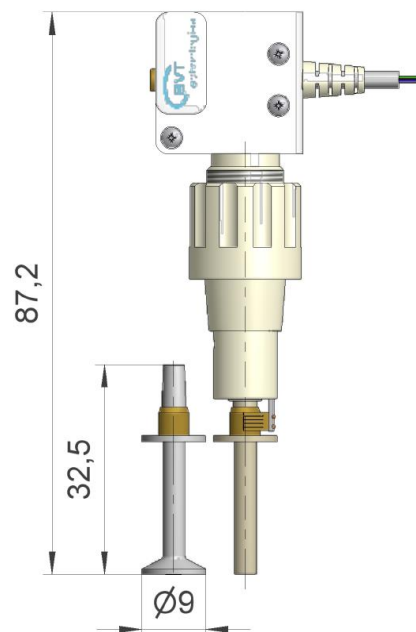
### Type: Mini RDE Kit

#### Description

The Mini Rotating disk electrode (RDE) in general enables defined mass transfer towards electrode surface.

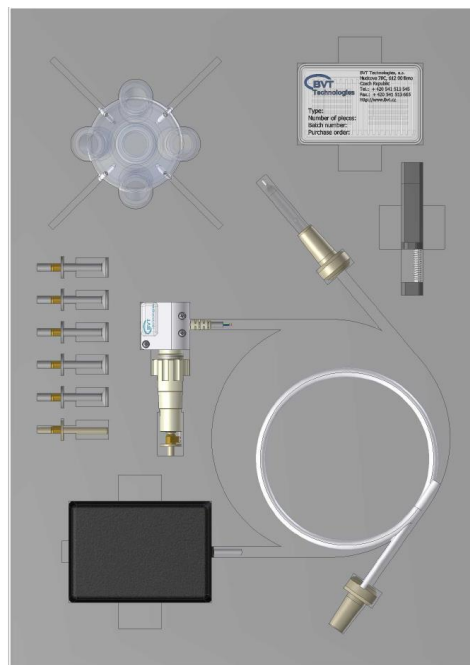
The Mini RDE consists of the body of the RDE (motor) with 6 pcs of interchangeable electrode tips for RDE. The device is equipped by control electronics and SW and powered by USB connection with PC. Rotational speed of Mini RDE is 10 - 1300 rpm.

The Kit also includes TC4 glass cell, which openings are suitable for connector KA1.C.S with Screen printed sensor and classical reference electrode RCEc. During measuring with Mini RDE in a classic three-electrode connection, it is also advisable to use the classical auxiliary electrode ACEc.





#### Delivery Mini RDE Kit contains

- Mini Rotating disk electrode - Mini RDE
- Control unit and software
- Electrode tips for RDE:
  - 1 pc of 1RDE.W1 (wire in glass, W = Pt, diameter 2 mm)
  - 5 pcs of 2RDE.W2 (screen printed, W = Au, diameter 2.5 mm)
- Conical connector - KA1.C.S
- 20 pcs of Screen printed sensors (type AC1., AC2., AC4.) - STK.RDE
- Classical reference electrode - RCEc.R\*
- Cable for RCEc.R\*
- Electrochemical cell - TC4
- Take out tool
- Software
- USB cable
- Manual



The electrode tip materials included in the RDE are defined by 1RDE.W1, 2RDE.W2.

1RDE.W1 2 mm		2RDE.W* 2.5 mm	
1 = Wire in glass		2 = Screen printed electrode	
RDE = Rotating disc electrode		RDE = Rotating disc electrode	
W = Work electrode		W = Work electrode	
1 - Platinum		2 - Gold	
Diameter of working electrode: 2 mm		Diameter of working electrode: 2.5 mm	

**Note:** Additional interchangeable electrode tips for RDE in different types (wire in glass, screen printed, tip in a peek casing) and materials can be ordered separately (see product “Mini RDE tips”). (Also listed in additional accessory equipment below).

### Take out tool

The Mini RDE includes a take out tool for easy exchange of electrode tips.



### Device Advantages

- Small size, low liquid volumes
- Low price of complete set and disposable electrodes too
- Easy connection and operation through USB connection to PC
- Can be connected to your potentiostat  
 (Optional electrode connector type: bare wire, banana plug or BNC)

### Additional accessory equipment

1RDE.W1 2 mm	Electrode tip for RDE, wire in glass, W1 = Pt; diameter 2 mm
2RDE.W* 2.5 mm	Electrode tip for RDE, screen printed, W1 = Pt, W2 = Au, W3 = Cu, W4 = glassy carbon; diameter 2.5 mm
3RDE.W4 3 mm	Electrode tip for RDE, tip in a peek casing, W4 = glassy carbon; diameter 3 mm
3RDE.W4 5 mm	Electrode tip for RDE, tip in a peek casing, W4 = glassy carbon; diameter 5 mm
TC4, TC5, TC6, TC7	Electrochemical glass cells
WCEc	External Working Classic Electrode Conic (+cables)
ACEc	External Auxiliary Classic Electrode Conic (+cables)
PalmSens4	PalmSens - potentiostat
AC1, AC2, AC4	Electrochemical sensors

### Ordering/Price Information

- Delivery time is 8 weeks from receipt of order
- Example of order:

1piece **Mni RDE Kit** + Accessory equipment: **5 pieces 3RDE.W4 3 mm**