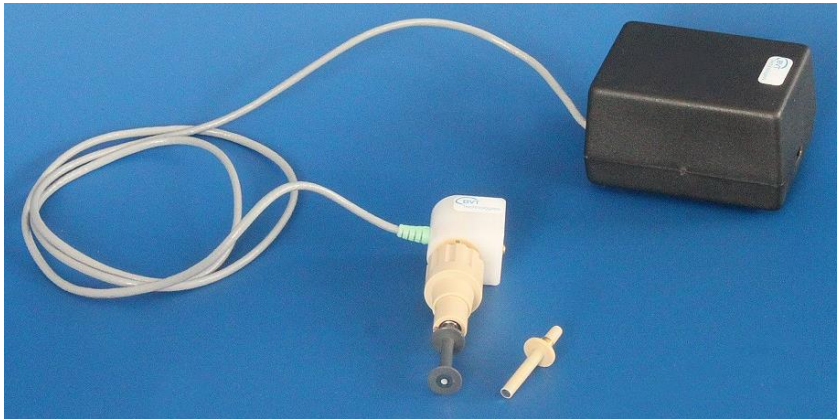


## Mini Rotating Disk Electrode

Type: mini RDE



### Description


Rotating disk electrode in general enables defined mass transfer towards electrode surface. Mini RDE consists of TC glass cell, the rotating disk electrode itself, control electronics and software. The device is powered by USB

connection with PC. Glass cell openings are suitable for connector KA1.C for electrochemical sensor AC1 or classical electrodes WCEc, ACEc and RCEc.

### Mini RDE Parameters

Rotational speed: 10 - 1300 rpm

Electrode Materials are defined by Mini 1RDE.W\* and 2RDE.W\*

Mini 1RDE.W*		Mini 2RDE.W*	
Mini = Small size		Mini = small size	
1 = Wire in glass		2 = Screen printed electrode	
RDE = Rotating disc electrode		RDE = Rotating disc electrode	
W = Work electrode		W = Work electrode	
1 - Platinum		1 - Platinum	
		2 - Gold	
		3 - Cooper	
		4 - Glassy carbon	

### Mini 1RDE.W\*

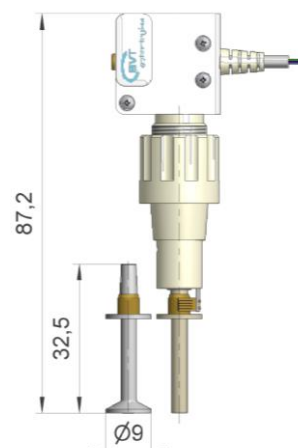
Diameter of working electrode: 2 mm

### Mini 2RDE.W\*

Diameter of working electrode: 2.5 mm

### Glass Cell Parameters

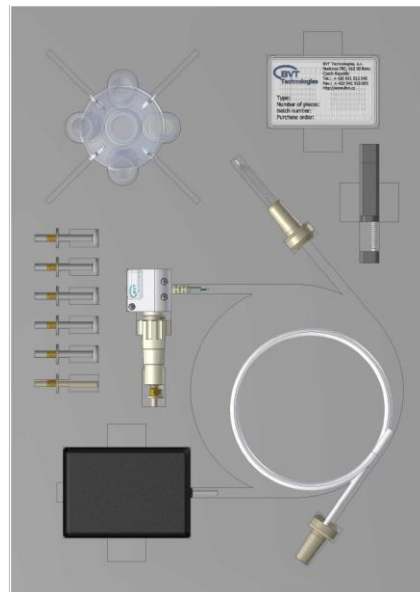
Volume: 3 - 20 ml  
 Optimal volume: 3 - 5 ml  
 Length: 45 mm  
 Height: 50 mm



Width: 45 mm

### Delivery Mini RDE contains

- Mini Rotating disk electrode - Mini RDE
- Control unit
- 1 piece of Pt wire in glass - 1RDE.W1
- 5 pieces of Screen printed RDE - 2RDE.W2
- Conical connector - KA1.C.S
- Classical reference electrode - RCEc.R\*
- Cable for RCEc.R\*
- Screen printed sensors - STK.RDE
- Electrochemical cell - TC6
- Take out tool
- Software
- USB cable
- Manual



### Accessory equipment

1RDE.W1	Rotating disk electrode - wire in glass
2RDE.W*	Rotating disk electrode - screen printed electrode
KA1.C.S	Conic connector for electrochemical sensors
STK.RDE	Starting kit - 10 type of electrochemical sensors for RDE
RCEc, WCEc, ACEc	Reference, work, auxiliary classical electrode (+cables)
AC1, AC2, AC4	Electrochemical sensors
TC4	Electrochemical glass cell
PalmSens4	PalmSens - potentiostat
RDE holder	Holder for modification of RDE electrodes

### Device Advantages

- Small size, low liquid volumes
- Low price of whole 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)



### Ordering/Price Information

- Delivery time is 8 weeks from receipt of order
- Example of order: 1 piece mini RDE + Accessory equipment: 5 pieces 2RDE.W2 +

