

# Polishing kit

## User manual



- ✓ **Reliable and fast results**
- ✓ **Easy to handle**
- ✓ **Consumables available**
- ✓ **Durable polishing display**

Electrochem  
**Orignalys**



# User manual

## Polishing Kit



Polishing device  
(AR01614)

**x1**



Polishing Disc #1  
P1200 (AR01557CIAL)

**x5**



Polishing Disc #2  
P2500 (AR01558CIAL)

**x5**



Polishing Disc #3  
Satin (AR01560CIAL)

**x5**



Polishing Disc #4  
Feutre (AR01559CIAL)

**x5**



**x3**



- Alumina suspension 2-3 $\mu$ m (AR01663CIAL)
- Alumina suspension 1 $\mu$ m (AR01666CIAL)
- Alumina suspension 0.3 $\mu$ m (AR01665CIAL)

**You need water to use this product.**

# User manual

## Step 1

### Necessary items

- 1 – Polishing device
- 2 – Polishing Disc n°1
- 3 – Water



- ✓ Stick the polishing Disc #1 onto the polishing device.
- ✓ Wet the disc with water.
- ✓ Polish the tip in an "8" shape in both directions (~1-3 minutes depending on the depth of the deposits). The surface should become raw again.

### Polishing step 1



Before



After



**NOTE:** Press with a tube (for example a pen) to peel off the polishing disc.

## Step 2

### Necessary items

- 1 – Polishing device
- 2 – Polishing Disc n°2
- 3 – Alumina suspension 2-3 $\mu$ m
- 4 – Water



- ✓ Stick the polishing Disc #2 onto the polishing device.
- ✓ Wet the disc with water.
- ✓ Apply a few drops of alumina suspension to the polishing tip.
- ✓ Polish the tip in an "8" shape in both directions (~1 minute). Deep scratches must be removed.



### Polishing step 2

Before



After



**NOTE:** Press with a tube (for example a pen) to peel off the polishing disc.

## Step 3

### Necessary items

- 1 – Polishing device
- 2 – Polishing Disc n°3
- 3 – Alumina suspension 1 $\mu$ m
- 4 – Water



- ✓ Stick the polishing Disc #3 onto the polishing device.
- ✓ Wet the disc with water.
- ✓ Apply a few drops of alumina suspension to the polishing tip.
- ✓ Polish the tip in an "8" shape in both directions (~1 minute). Deep scratches must be removed.

### Polishing step 3

Before

After



**NOTE:** Press with a tube (for example a pen) to peel off the polishing disc.

## Step 4

### Éléments nécessaires

- 1 – Polishing device
- 2 – Polishing Disc n°4
- 3 – Alumina suspension 0,3 $\mu$ m
- 4 – Water

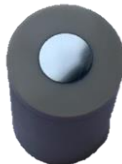


- ✓ Stick the polishing Disc #4 onto the polishing device.
- ✓ Wet the disc with water.
- ✓ Apply a few drops of alumina suspension to the polishing tip.
- ✓ Polish the tip in an "8" shape in both directions (~1 minute). The surface of the tip should be "mirror" polished.



### Polishing step 4

Before



After



**NOTE:** Press with a tube (for example a pen) to peel off the polishing disc.

**Tips** from **OrigaLys** can be used with our **RDE** (OrigaTrod) and with the **Static Electrode** (StaTrod) but also with most of other RDE on the market.

<b>Length</b>	20 mm
<b>Material</b>	PEEK



For instance:  
Glassy Carbon  
Ø3 mm

**AVAILABLE TIPS: Ø1, 2, 3 or 5 mm**

<b>Material</b>	<b>Diameter (mm)</b>	<b>Material</b>	<b>Diameter (mm)</b>
316L Stainless	2 and 5	Iron	5
70% Copper and 30% Nickel	5	Nickel	2 and 5
Aluminium	5	Palladium	2
Antimony	5	Peek	0
Cadmium	5	Platinum	2 and 5
Carbon Steel XC38	5	Rhodium	2
Cobalt	5	Silver	2 and 5
Copper	5	Tin	5
Glassy Carbon	3 and 5	Titanium	5
Gold	2 and 5	Tungsten	1
Iridium	5	Zinc	1

**TO BE USED WITH RDE AND STATIC ELECTRODE**



OrigaTrod  
OrigaLys' RDE



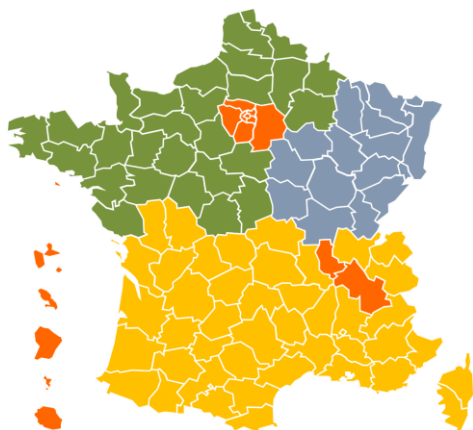
EDI101  
Radiometer's RDE



OrigaTrod Lt  
RDE with potentiometer



## ➤ The team in France



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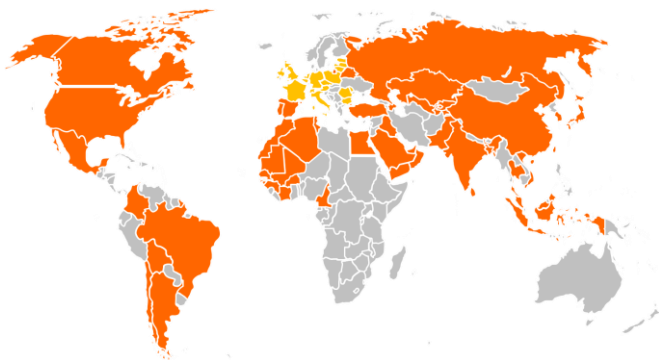
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## ➤ The distributor network



**Nous recherchons des  
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