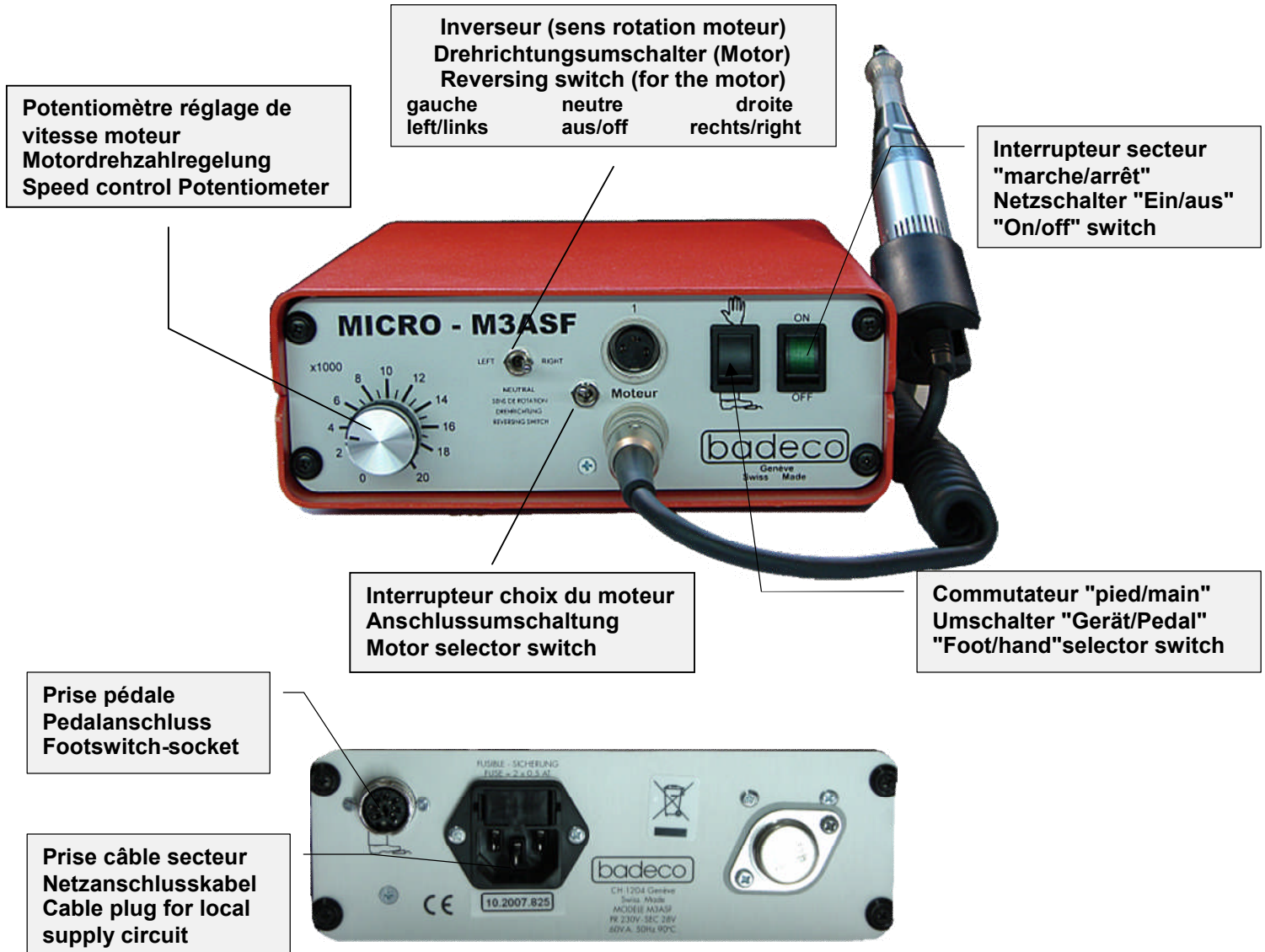


# BADECO S.A.

## Mode d'emploi pour coffret BADECO M3 ASF Bedienungshinweise für BADECO M3 ASF Directions for use micro set BADECO M3 ASF



**Pédale de contact**  
Pedal für Ein/Aus-Schaltung  
On/off footswitch



**Pédale COMBI multifonctions**  
COMBI Regelpedal  
COMBI footswitch

# BADECO Geneva Micromotor Box M3 ASF

## Technical Characteristics.

- Speed : from 2'000 to 20'000 rpm.
- Box with 2 branchings for alternate use of 2 micromotors.
- Model 230 V - 50 Hz - 60 V.A. - 32 V DC – 1,8 A - 60 W.  
(with 2 fuses 250 V - 0,5 AT - at the back of the box),
- or model 115 V (if specified when ordering).  
(with 2 fuses 250 V - 1 AT - at the back of the box).
- A rotation reversing switch is fixed on the front plate (usual rotation on "right").
- Box equipped with a protection against overheating. Should overheating happen, micromotor will stop automatically in order to protect the electronic system. Micromotor can be used again once system has cooled down.
- Holder mounted (for one micromotor). A second bracket can be ordered.
- Accessories available (on/off footswitch, multifunction pedal, handpiece or mallet).

## Before use.

**In order to avoid deterioration and any danger for the utilizer, it is absolutely indispensable to use only BADECO original accessories (incompatibilities !)**

Before use, every user should read carefully the Directions for Use and keep them handy. BADECO will not accept any responsibility in case of damage caused by wrong or inappropriate manipulation. This micromotor is intended for gold and silversmiths, jewellery and watchmaking specialists. It is not a toy, nor a medical apparatus. Local supply circuit tension has to correspond to that of the apparatus. It has to be plugged only in a protected socket with earth connection which has been installed by a professional electrician.

## Safety.

- a. **Never dismantle !** Material to be sent only to BADECO Geneva for repair.
- b. Do not plug out by pulling the cable. The box should be disconnected to move it.
- c. Whole system should not get in contact with dusts, metallic chips and liquids.
- d. System should not be used if electric cable is in bad condition or if the box has fallen on the floor and damages have been caused.
- e. It is recommended to wear spectacles.
- f. Too ample clothes could get caught with the drill.
- g. Low speed will considerably increase the life expectancy of all tools.
- h. Motor, handpiece and mallet should not run when not in use.
- i. Stop the motor to change the handpiece, mallet as well as drills, milling, cutters, wheels, points, etc.
- j. Motor and electronic box should not be oiled.
- k. Diameter of the spindle has to be exactly the same as that of the burr holder of the handpiece and has to be perfectly clean and even on all its length. A spindle in poor condition will damage the handpiece.
- l. After each utilization, micromotor has to be put back on its bracket.

## Utilization.

- a. Plug the electronic box in the local supply circuit (with earth connection).
- b. Plug your micromotor with its motor cord on the front plate of the box (in the plug 1 or 2) and screw well.
- c. Screw your handpiece or mallet on your micromotor.
- d. On the front plate : Push better the reversing switch on "right" (usual rotation direction of the motor).
- e. **For manual command (without pedal)** : Set the switch on "hand" and adjust the speed manually using the potentiometer on the front plate of the box.
- f. **Using a pedal** : Plug your pedal on the back panel and set the "foot" position on the front plate.

**The little on/off footswitch** works as a contactor. You adjust the speed on the potentiometer on the front plate of the box. Contact on the pedal assures chosen speed.

### **The COMBI multifunction pedal works as follows :**

Pedal-lever to the right : works as contactor (like the little pedal).

Pedal-lever in the middle : no contact, neutral position.

Pedal-lever on the left : pedal operates as a variator of speed. You control speed progressively from 2'000 to 20'000 rpm with the foot.

## In case of Breakdowns.

- a. Check all the connections.
- b. Check the fuses (on back panel of the box) and replace them if necessary.
- c. Are all the switches well connected ?
- d. Is the coupling of the micromotor and its cable correct ? (red point on the motor on red point of the braided cable).

## Repair.

Never dismantle !

Repair to be done only by BADECO in Geneva in order to guarantee that the electronic box operates perfectly with maximum power.

## Warranty.

BADECO SA guarantee to replace any mechanical parts which are deemed to be the result of faulty manufacture for a period of 2 years (invoice to be submitted).

This guarantee does not cover :

- Normal operating wear and tear.
- Negligence or misuse of the material.
- Deterioration due to non-original BADECO accessories.
- Any dismantled piece of material will be repaired at user's expense.

## CE conform.

We do not accept any liability/responsibility. Legal domicile is Geneva. Swiss law. Modifications reserved.