

ACTIVESHOP[®]

INSTRUCTIONS FOR USE

Merc 2000 Milling
Machine Model: BM1602



Importer:

ACTIVESHOP Sp. z o.o.

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Technical specifications

Base	
Output voltage	DC 3~12V
Rated frequency	50/60HZ
Rated voltage	220-240V

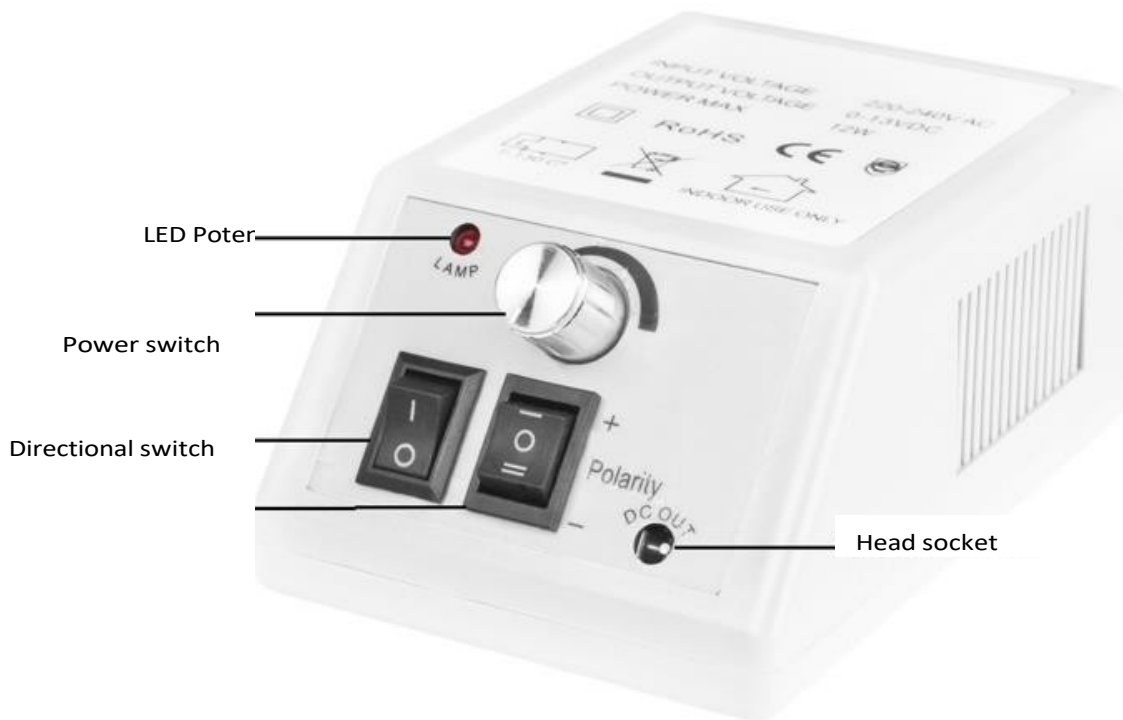
Head	
Rotation	Max. 20000 rev/min.
Cutter diameter	2.35mm
Power	12W

Installation and operation

- Motor cable plug must be well connected to the machine body
- The foot control switch cable plug must be well connected to the body of the device
- The appliance plug must be connected to the outlet only after making sure that all wires are installed correctly and safely.

Note

- Use our products only with original accessories and parts.
- When connecting the plug, do not touch its metal parts.
- It is forbidden to use oil to clean the head.
- The head must not be exposed to damage. The design of the device means that the device can be damaged if dropped or hit. If the head falls, make sure everything is functioning properly before starting the device.
- Use cutters recommended by the manufacturer. Do not use curved cutters.
- Use all parts carefully and gently.
- Keep your workstation and the device clean, especially the head.
- Use the device with safety precautions.
- If the head, cable, plug or socket is damaged, replace the damaged component before further use.
- When pulling the plug, do not pull on the cable.
- Do not place the device near flammable substances.
- Do not allow children to use the device.
- Use a dust mask and safety goggles, and be sure to properly ventilate the room where you work.
- When using the head at high speed, check the operation and vibration level at lower speed first.
- When you are not using the device, unplug it from the power supply.
- Before turning off the power, turn the potentiometer counterclockwise to the minimum position, then turn off the device by switching the Power Switch to the "0".
- Do not disconnect the power plug of the Base while the device is running
- Do not disconnect the power plug of the Head while the device is in operation.
- Disconnect the power when you are not using the cutter for a long time.
- Only replace the cutter when the unit is turned off.



Directions for use

1. Plug the Head into the Head Socket.
2. Plug the device into a suitable power outlet.
3. Set the potentiometer to the minimum level by turning counterclockwise.
4. Select the appropriate type of cutter, as required, and place it in the Head, by pushing it in.
5. Switch the Power Switch to the I position, then the LED indicating the operation of the device will light up.
6. Switch the switch located on the head to the I position.



7. Adjust the operating speed of the device using the Potentiometer.
8. The direction of rotation can be changed with the Directional Switch, only when the device is turned off and the Potentiometer is set to the minimum position.
9. Switch off the device after use

Inserting/extracting the cutter

- To pull out the cutter, turn the clamp clockwise until you hear a characteristic "click" and pull out the cutter.

- To attach the cutter, turn the clamp counterclockwise until you hear a click.
- Remember to keep the clamp clean before you change the cutter

Make sure the cutter you want to use was not bent, asymmetrical or damaged. Always use standard cutters.

Permissible speed

- The allowable speed may vary slightly, depending on the materials of the cutter or its type.

CAUTION

- Use only recommended cutters.
- Always remove dirt before replacing cutters.

Size	Speed max
5mm	41000
7mm	30000
10mm	20000
13mm	16000



- Make sure you do not exceed the maximum speed specified by the manufacturer or distributor for the cutter you are using.
- Large cutters, even when run below the maximum rated speed, may begin to vibrate. Reduce the speed immediately to prevent damage to the cutter, the bit or the operator.
- Always use standard cutters.

Troubleshooting

Problem	Cause	Action
Although the cutter is turned on, the head does not work	Incorrect connection of Body with head cable	Connect the head cable correctly with the machine
	Damage in the motor cable	Replace the cable
	Worn carbon brushes	Replace the brushes
	Problem with the head	Contact service
Head suddenly stopped working	Unit overheated or Overloaded	Check point 5.
Head does not work in foot switch mode	Foot switch does not work	Press the change button control

Tips to maximize the life of the head:

- Do not use dented or damaged cutters.
- Excessive load caused by damaged cutters will quickly destroy ball bearings
- Wash the cutter shanks before use, if grease or other substances cause a dirty cutter to get stuck on the spindle, it can cause vibration, poor spindle power or other irregularities
- Always insert the cutter all the way into the clamp.

SAFETY MEASURES

1. The device is a professional equipment for use in beauty parlors. Operation of the device only by qualified cosmetic personnel avoids undesirable consequences during treatment.
2. Do not disassemble the device or attempt to use it for purposes other than those indicated in this manual. All servicing and repairs must be performed only by an authorized service technician (ACTIVESHOP Ltd. company).
3. Do not install or operate the device near liquids, wet places or with wet hands - so that no liquids get into the device.
4. Immediately unplug the device from the outlet and contact the authorized service provided by ACTIVESHOP Ltd. in the following cases:
(a) liquid has gotten into the device, (b) the device emits a strange odor, smoke or makes strange sounds, (c) the power cord has been damaged, (d) the device has been knocked over or its housing has been damaged.
5. Do not lay any objects on the cables. Do not install the device where someone may step on the power cord.
6. For safety purposes, unplug the power cord from the outlet each time you finish working with the device.
7. Do not insert anything into the opening of the device. If a foreign object gets into the hole, remove the cord from the outlet and contact the distributor or manufacturer.
8. Do not place the device on an unstable cart, shelf or vehicle. If dropped, the device may be damaged.
9. In order to guarantee the established useful life of the device, it is recommended to keep an interval of one minute before pressing the power button again (between switching on and off and vice versa).
10. The power supply must comply with the specifications on the nameplate. Otherwise, there is a risk of incorrect operation of the device its damage and even burning.

CAUTION:

1. In case of damage to the power cord or other malfunctions, contact an authorized service center - this will avoid danger.
2. This equipment may be used by children at least 8 years of age and by persons of diminished physical and mental capabilities and persons with inexperience and lack of familiarity with the equipment, if supervision or instruction on how to use the equipment in a safe manner is provided so that the associated risks are understood.
3. The equipment is not intended for play by children. Do not allow children to play with the equipment.
4. Do not leave the appliance unattended when children or persons without sufficient knowledge of the use of the appliance are in the vicinity.
5. This electrical appliance is not a toy. Improper use or contact with the electrical appliance may pose a health risk or lead to death, so use and store the appliance out of the reach of children.



DISPOSAL OF THE DEVICE

Dispose of used electrical appliances, fixtures and packaging to raw material reprocessing centers in accordance with environmental protection principles. Electrical appliances should not be thrown into household waste containers. Follow the rules for discarding this type of equipment. In order to protect the environment in accordance with Directive 2012/19/EC

on waste electrical and electronic equipment, waste electrical equipment should be collected separately, and sent to collection points for waste electronic and electrical equipment.

At the end of their useful life, as well as old appliances contain full-value recyclable components, so they should be handed over for reprocessing. Therefore, they should be handed over to appropriate collection points, as well as they can also be handed over to ACTIVESHOP Ltd.

STORAGE AND TRANSPORT

The device should be transported at a temperature in the range of (-) 20 °C to (+) 50 °C only in its original packaging. Store the device in a well-ventilated room and a relative humidity of no more than 75%. Operating temperature from (+) 10 °C to (+) 40 °C. During storage and transportation processes, the device must not be thrown or dropped, exposed to mechanical shocks or atmospheric agents.