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**B&B DENTAL**  
IMPLANT COMPANY





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# PHYSIO BRUSHLESS 3000

Physio Brushless 3000 is the result of 10 years of expertise in the design and manufacturing of electro-medical devices for implantology and dental endodontics based on well-proven and tested technology. Completely manufactured in Italy, this simple, precise equipment has been created and produced by B&B Dental to provide you with a reliable tool for the treatment of your clinical cases. High performance is combined with extreme simplicity.

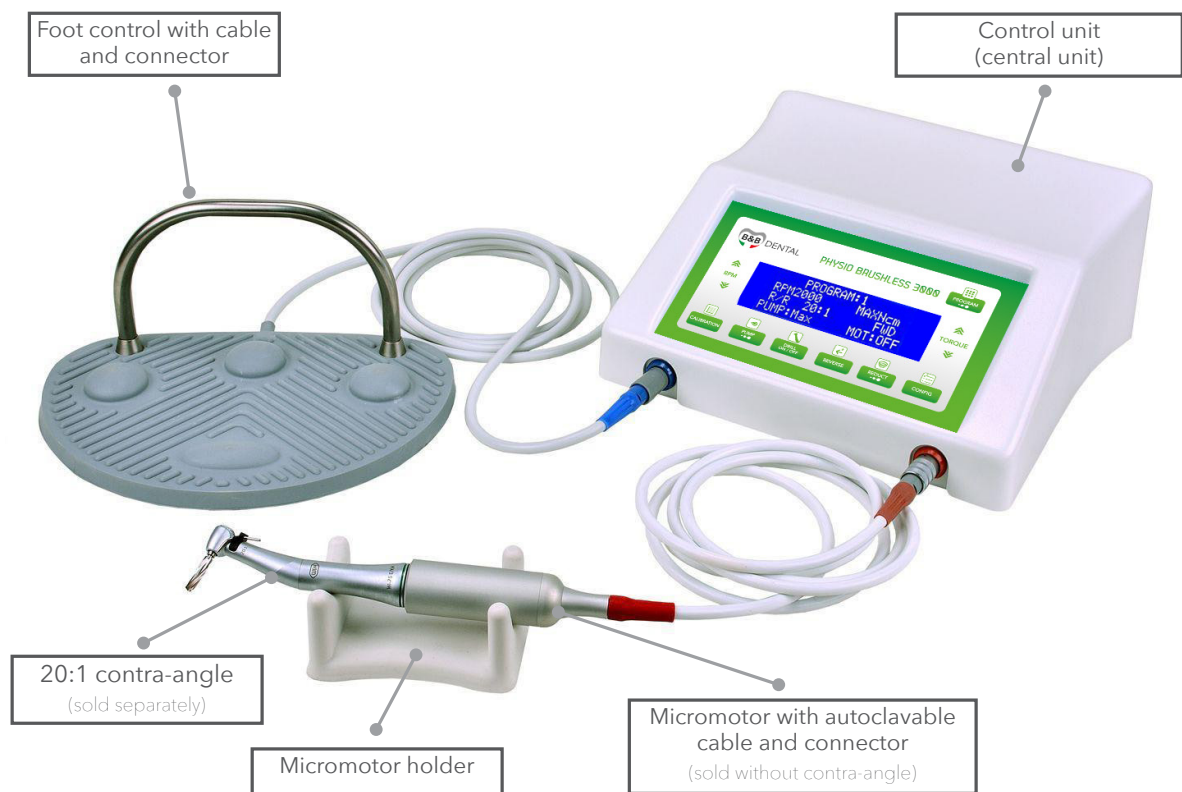
Physio Brushless 3000 is the evolution of its predecessor model, and offers enhanced reliability thanks to the improved magnetic motor that allows the automatic adjustment and check of parameters throughout every step while in operation.

This piece of equipment will improve your surgery experience by putting you in complete control of the necessary variables via the front panel and the foot control. You can adjust and program Physio Brushless 3000 to suit your working method and your needs with the utmost accuracy.



# TOOLS AND ACCESSORIES

The new Physio Brushless 3000 combines reliability with durable, handy, easy-to-clean design. Physio Brushless 3000 is easy to assemble and is equipped with tools and accessories that make it even easier to use:



Micromotor protective cap for sterilisation



Irrigation tubing



Power cable



Hanging rod for saline bag



Carrying case (available on request)





# FUNCTIONALITY

## BUILT-IN RHEOSTAT

You can choose to rely on the precision of the equipment or control its operation based on the pressure applied on the foot control, making sure to never exceed the maximum value you set, so you can be in control at all times.

## AUTOMATIC PERISTALTIC PUMP

Pump is mounted outside the central unit to prevent the liquid ingress into the unit in the event of a broken line. Motor speed is controlled so as to ensure a steady water jet even when the drill is operating at maximum power. The pump is controlled by a simple mechanism and its performance is controlled by the pump button on the front panel of Physio Brushless 3000 or by simply pressing the corresponding button on the foot control. You can choose to stop the output or from three preset flow rates at any time.



## DIRECTION OF ROTATION

Choose the direction of rotation of the contra-angle. When it changes, an acoustic signal will be heard to avoid errors.

## AUTOMATIC CALIBRATION

Whatever handpiece you wish to use, set the corresponding reduction and rely on the automatic calibration of Physio Brushless 3000. The equipment features an internal magnetic (brushless) mechanism that automatically self-calibrates throughout all operation steps to limit errors and even minor variations.

# ALWAYS READY FOR USE



## PROGRAMS AND PHASES

The programs allow you to pre-select the operating modes to simplify and speed up the choice of parameters during surgery.

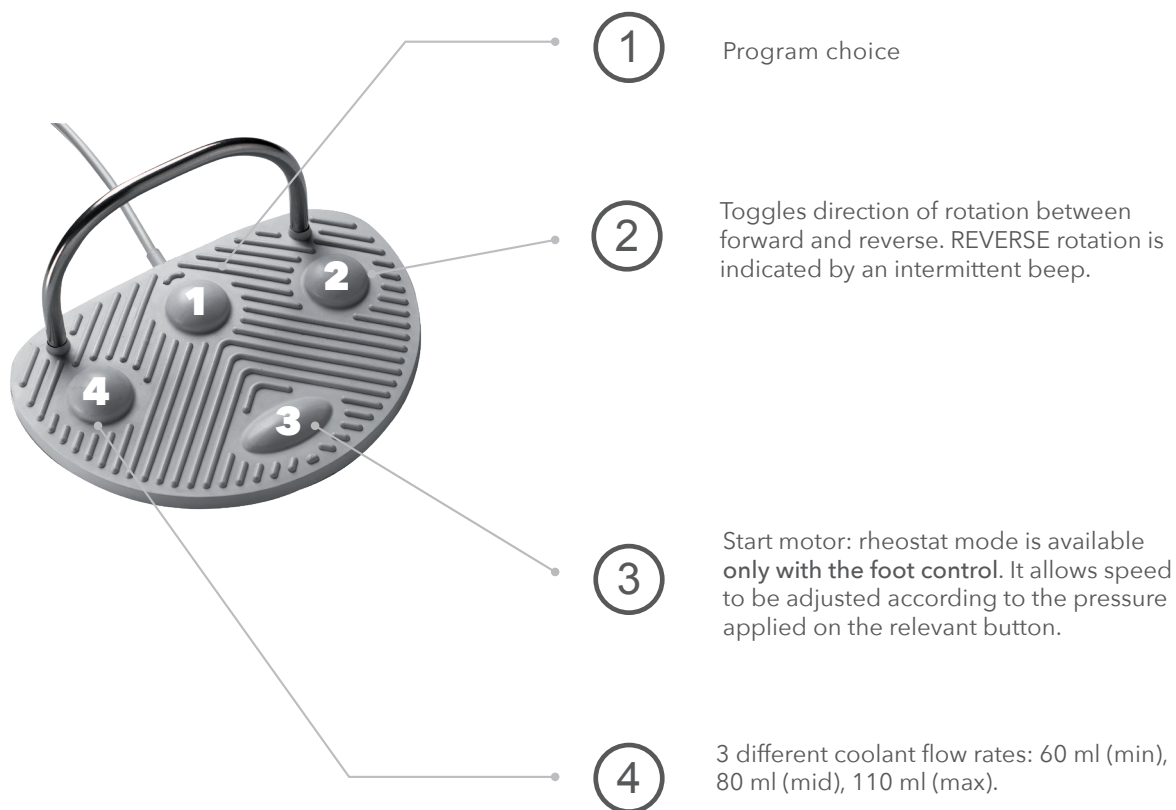
The following parameters can be set within each program and its phases:

- RPM: number of revolutions per minute
- Flow rate of the pump that controls coolant output
- Torque, applied torque
- Direction of rotation of the tools

All parameters and the operation can be controlled both via the panel on the front display and using the foot control.

Save the programs to have all your settings ready at hand!

## FOOT CONTROL





## FRONT CONTROL PANEL

You can use the front panel to control and manage all the functions of the machine with a finger. The ability to create and store work programs enables you to preset work parameters and adapt the equipment to suit your preferences and working habits.



5 fully customizable programs. Program is stored automatically when the equipment is switched off.



Calibration to match the performance of the contra-angle used. One-off and then whenever contra-angle is replaced.



3 different coolant flow rates: 60 ml (min), 80 ml (mid), 110 ml (max).



24 torque settings. With 20:1 handpiece from 3 Ncm to 69 Ncm. MAX value indicates the maximum torque with no limitation.



Starts/Stops motor. The pump is also operated if it has been switched on.



Selects gearing-up/reduction ratio of contra-angle. Available options: 1:5, 1:1, 16:1, 20:1, 64:1, 70:1



Toggles direction of rotation between forward and reverse. REVERSE rotation is indicated by an intermittent beep.



33 different speeds. Depending on the contra-angle used, speed can vary between 3 and 125,000 rpm.

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# CONTACTS

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