

OWNER'S MANUAL

BERCHTOLD.

podos 60
MADE IN GERMANY

Serial No.: _____

Date of Purchase: _____

PREVENTATIVE MAINTENANCE:

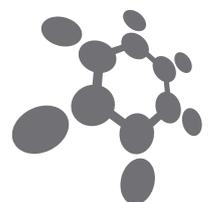
Just like your car - a Podiatry Drill will operate best when serviced regularly.

In consultation with the Manufacturer, Briggate Medical Company recommend that this appliance be sent to us for inspection every:

**12 MONTHS
SERVICE FREQUENCY**

Preventative Maintenance scope:

- dis-assemble and clean
- water pump clean and test
- circuit board inspection/clean
- handpiece clutch inspection/re-build
- handpiece motor testing
- handpiece bearing replacement
- electrical test and tagging



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INDEX

3	Warranty Details
4	Technical Data
4	Safety Instructions
5	Main Features & Controls
5	.....	Touch Control Functions
6	.....	LCD Screen Indicators
6	.....	Initial Set-up
6	.....	Handpiece Care
7	.....	Operational Instructions
7	.....	Programming Memory Slots

Manufactured in:
GERMANY



IMPORTANT:

Prior to operation, please ensure you read this document in its entirety to avoid possible damage to your new Berchtold PodoS60 Water Spray Drill.

Warranty Details

Term: 24 Months (from date of purchase)

Conditions:

- This warranty is set out by the Manufacturer against faulty parts and/or workmanship.
- Briggate Medical Company is the sole authorised warranty repair agent in Australia and New Zealand.
- All warranty and service works are performed at Briggate Medical Company's service facility; 23-25 Lakewood Blvd, Braeside, Victoria, 3195. No freight charges will be accepted for the return of this appliance to Briggate Medical Company - regardless of warranty claim outcome.
- This warranty does not cover wear and tear on the bearings and clutch mechanism within the handpiece.
- This warranty will be VOID if there is evidence of mistreatment or non-adherence to procedures outlined within this document.

Technical Data

Measurements:	290mmW x 110mmH x 280mmD
Delivery Contents:	<ul style="list-style-type: none"> - Main Control Box - Micro-Motor Handpiece - Water Tank - Water/Power Hose - Mains Power Lead - Handpiece Cradle - Brush - Owner's Manual
Total Weight:	2.9 kg
Handpiece Weight:	140 g
Power:	230/240V
Warranty:	24 Months (Return to Base)
ARTG#:	161408

Safety Instructions **Please ensure the following are strictly adhered to:**

- DO NOT use bent or damaged burrs (tools).
- Only use quality tools which have a shaft diameter of 2.35mm (some inferior tools may have undersized shafts which may slip and damage the Handpiece). All burrs available from Briggate Medical meet these requirements.
- To reduce any chance of overheating ensure clearance of at least 25mm around all sides of the Main Control Box. Ensure the ventilation slots in the Main Control Box are clear of any blockage.
- DO NOT clean the the Main Control Box with an alcohol based cleaner. Only use an alcohol-free surface wipe (eg: Clinell).
- The Main Control Box can only be opened by authorised service technicians. Unauthorised opening of Main Control Box will negate the Manufacturers Warranty.
- Do not operate the PodoS60 in extremely hot or very damp conditions.
- The Handpiece on the Berchtold PodoS60 Spray Drill is designed NOT to be dismantled by anyone other than our Trained Technicians and **any dis-assembly by unauthorised persons will result in the Manufacturer's Warranty being voided.**

Main Features & Controls



1. On/Off Master Switch (located at rear left of unit)
2. Handpiece and Power Lead/Water Hose
3. Water Reservoir
4. Water Reservoir Cavity
5. LCD Display (indicates burr speed, direction and spray level)
6. On/Off Button for Handpiece Motor and Spray
7. Burr Rotation Speed Control
(if using a burr with a head diameter greater than 5mm,
DO NOT OPERATE THE HANDPIECE AT MORE THAN 10,000 RPM)
8. Spray Volume Setting Controls (Off, Low, Medium, High)
9. Burr Direction Control
(only change Burr Direction when hand-piece motor is not rotating)
10. Light On/Off Switch (feature not available in Australia)
11. Memory Buttons (M1, M2, M3)
12. Receiving Socket for Handpiece Hose/Power Lead
13. Handpiece Holster
14. Handpiece On/Off Button

Touch Control Functions



Stand By Mode Button
Activates/de-activates both
Spray and Handpiece Motor.



Spray On/Off Button
Activates/de-activates
Water Spray.



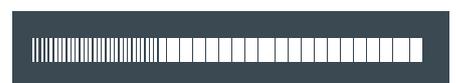
**Spray Volume Buttons
(3 Levels)**
Adjusts level of Water Spray
(Low, Medium or High).



Memory Buttons
3 Programmable Memory Slots for Burr
Speed and Direction, and Spray Level.



Burr Direction Button
Switches burr direction
clockwise/anti-clockwise.



Burr Speed Control Slide
Adjusts the burr speed from 4,000 to 40,000rpm.
Slide from left-to-right to increase speed.
Slide from right-to-left to decrease speed.

LCD Screen Indicators



Initial Set-up

- Remove all components from the carton (please retain carton for return shipping if or when necessary).
- Identify your preferred location for the white nylon Handpiece Cradle. Remove the protective cover from the adhesive pad and secure the Cradle to the surface where you feel it will be appropriate for ease of insertion/removal (we would suggest that the cradle should be mounted on a vertical surface, positioned in a way that the hand-piece can be put into the retaining hole pointing approximately 45 degrees off vertical).
- Connect the Handpiece Hose/Power Lead (2) into the Receiving Socket (12) at the front, lower right corner of the Main Control Panel. Please note that the two copper spray lines fit into the two larger receiving holes at the bottom of the Socket and the three power contacts are at the top of the socket.

Handpiece Care

The Handpiece on the Berchtold PodoS60 Spray Drill is designed NOT to be dismantled by anyone other than our Trained Technicians and **any dis-assembly by unauthorised persons will result in the Manufacturer's Warranty being voided**. If you consider that you are having any form of problem with your Handpiece, please contact our [Service Department](#) immediately for further guidance.

From within Greater Melbourne please telephone: 8586 7800

From outside the Melbourne area please telephone: 1800 33 41 42

Operation of Your Berchtold PodoS60 Spray Drill

1. Remove the Water Reservoir (3) and fill it with **Distilled Water (ONLY USE DISTILLED WATER)**.
2. Place the Water Reservoir (3) in the Cavity (4) in the top of the Main Control Box and push it down gently to ensure the pump inlet is fully inserted into the bottom of the Reservoir.
3. Insert your selected Burr into the Handpiece (2) (it will lock in automatically).
4. Turn the Master Switch (1) ON (the LCD Screen will illuminate and the default settings of Low Spray volume and anti-clockwise Burr rotation will be shown).
5. If desired, change the burr direction by pressing Burr Direction Button (9) located on the Front Control Panel of the device.
WARNING: DO NOT change the Burr Direction when the Drill Burr is rotating as this will put the micro-motor under extreme strain to change direction when rotating at up to 40,000 rpm.
6. Activate the Drill and Spray by pressing the Handpiece On/Off Button (14).
(NOTE: If the spray does not start operating within a few seconds when you first start the Drill, lower the Handpiece close to the floor to allow gravity to assist with "priming" the empty spray lines).
7. Select the desired Burr speed by sliding your finger across the Burr Speed Control (7).
WARNING: If the burr being used has a head in excess of 5mm in diameter DO NOT operate the Drill at more than 10,000 rpm.
8. If required, you can switch the Spray OFF by pressing the Spray On/Off Button (8).
9. You can increase or decrease the volume of spray required by pressing the Spray Volume Setting Buttons (8).
10. When finished, switch the complete unit off at the Master Switch (1).

Programming Memory Slots

The Berchtold PodoS60 features the option to save preferred working settings (i.e: Burr Direction, Water Spray Strength & Burr Speed) and to access them at the touch of a button. Follow the steps below to programme the three Memory Slots available:

1. Using the Burr Speed, Burr Direction and Water Level Buttons, adjust the drill to function at your desired working setting.
 2. Press and hold the Start/Stop Button (6).
 3. Whilst holding the Start/Stop Button press the desired Memory Button (11) on the Front Control Panel.
 4. Your preferred setting will now be saved to the Memory Button you have selected.
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BERCHTOLD.

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