

DE/RU/**EN**/JP/IT/ES/CZE



OPERATING INSTRUCTIONS
Podo-Q





Technical Data	4
Safety Instructions	4
Operation	4
Control Unit	5
Touchpad operation	6
Display operation	7
Changing the dust bag	8 - 9
Hand piece maintenance and cleaning	10-11
Motor and motor hand piece	12-13
Settings	14
Fault diagnosis control unit	15
Fault diagnosis motor hand piece	16

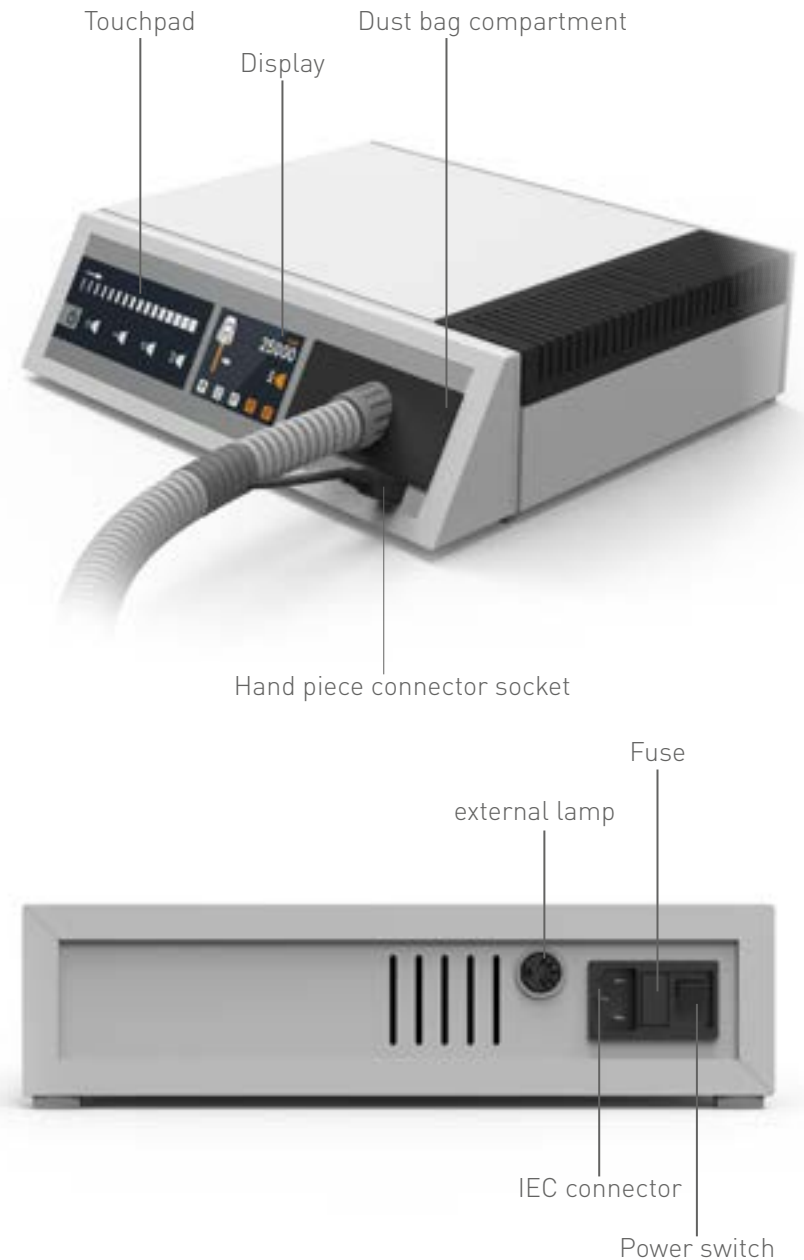
Dimensions W x H x D:	290 x 80 x 250mm
Equipment:	Control unit, micro motor hand piece, dust bag, power cord, instruction manual
Weight:	2300g
Voltage:	95-265V 50/60Hz
Warranty:	24 months 12 months for hand piece

Safety Instructions













- To prevent overheating, at least 30mm clearance must be kept on all sides of the device. The venting slots in the device must not be blocked under any circumstances.
- Protect the device from moisture
- The device must not be used to draw liquids
- Only authorized experts are allowed to open the device
- Unauthorized opening renders the warranty void
- The plastic housing must not be cleaned with petrol or chemical detergents. Only use a slightly moistened towel for cleaning. (Unplug device first)
- Disinfect the surface of the hand piece with a surface disinfectant. Make sure no liquid enters the handpiece.
- On the touch sliding strip you can adjust the burr/mandrel rotation to the desired value. Lightly touching the suction level symbols lets you set the suction level (see page 6). The device is put into operation via the start/stop switch or the switch on the hand piece. Other functions can be operated via the touch pad, as described below.
- Insert burr/mandrel into hand piece as far as possible. The burr/mandrel in this hand piece is automatically powered as soon as the motor starts. The burr/mandrel may be removed again after the hand piece has come to a stop.
- Never remove burr/mandrel when the device is running to avoid risk of injury! Please do not ever use burrs/mandrels with damaged or bent shafts! Shaft diameter must be 2.35 mm. Please also mind permissible maximum speeds allowed for the respective burr/mandrel attachment.

Operation

- Press suction cover with dust bag into dust bag compartment. (see pages 8/9) Insert the hand piece cable's plug into socket (bracket pointing downwards).
- Plug the device into a properly installed 95-265 V / 50-60 Hz AC power socket and turn on power switch. (Display lights up)





	<p>Start/Stop button Hand piece with suction</p>	<p>Burr speed indicator Rotations per minute</p> <div style="border: 1px solid black; padding: 2px; display: inline-block;"> <p style="margin: 0;">rpm 25000</p> </div>	
	<p>Suction stop and standby button If pressed for 4 seconds, the device goes to standby mode. Device is automatically put into standby mode if not operated for more than 2 hours.</p>	<p>Suction strength indicator low, medium, high</p> 	
			<p>optional: external light ON / OFF</p> 
<p>Suction level button low, medium, high</p>		<p>Rotational direction button left/right</p> 	
	<p>Slider to adjust burr speed</p>	<p>Notice high milling speed</p> 	
	<p>Burr default and rotation direction indicator small, medium, large and left/right</p>	<p>Memory buttons</p> 	

1. Chose your favourite settings burr speed, burr direction and suction strenght



2. Press and hold „Start/Stop“ and press the desired „Memory button“ to save current burr speed, rotational direction and suction level.

Changing the dust bag

Pull hand piece connector from socket



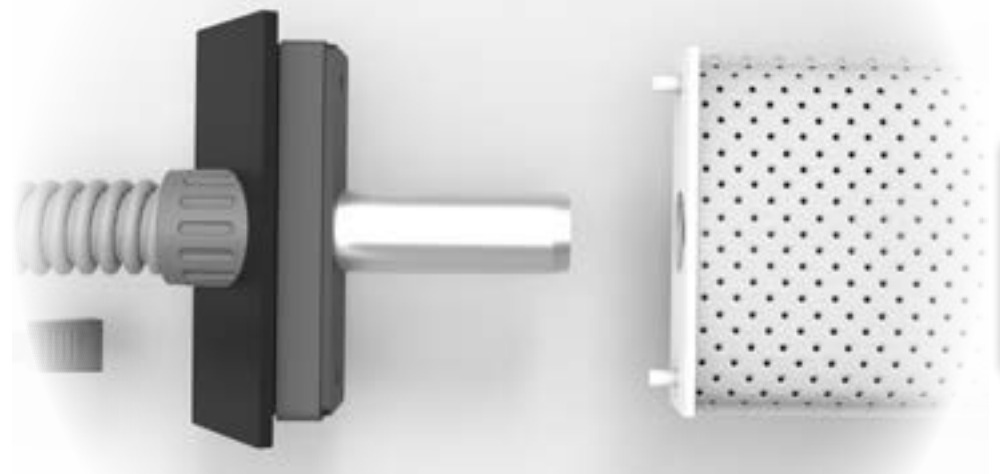
Separate bag from suction cover



Remove suction cover and bag



Put suction cover on bag
and reassemble unit by following these steps in reverse order



Hand piece maintenance and cleaning

Regular hand piece maintenance ensures a secure fit of the burr/mandrel

- Remove burr/mandrel from hand piece
- Unscrew handle sleeve



- Unscrew bearing bushing and pull forward



- Press polygon sleeve with burr out of bearing bushing



- Insert burr into collet chuck, thus pulling collet chuck and clamping rollers out of polygon sleeve



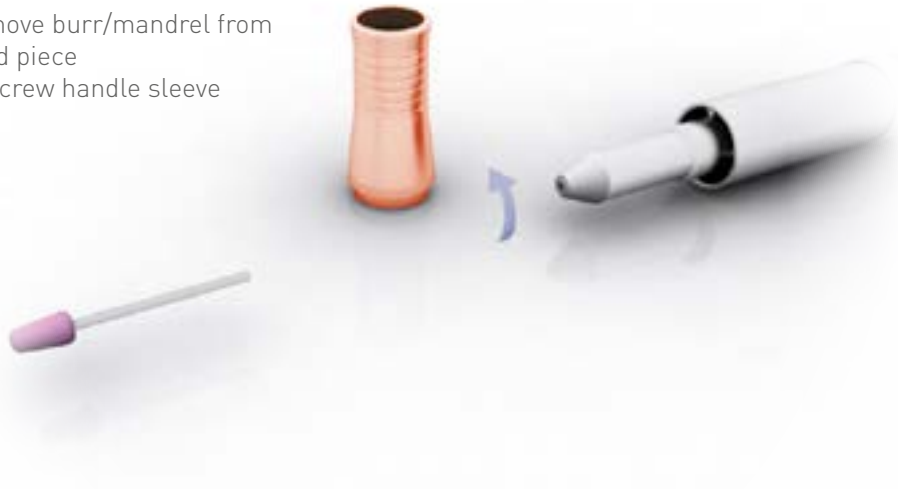
- Clean collet chuck, clamping rollers and polygon sleeve
- Assemble following these steps in reverse order



Removing the micro motor

Regular hand piece maintenance ensures a reliable clamping of the burr/mandrel

- Remove burr/mandrel from hand piece
- Unscrew handle sleeve



- Unscrew bearing bushing and pull forward

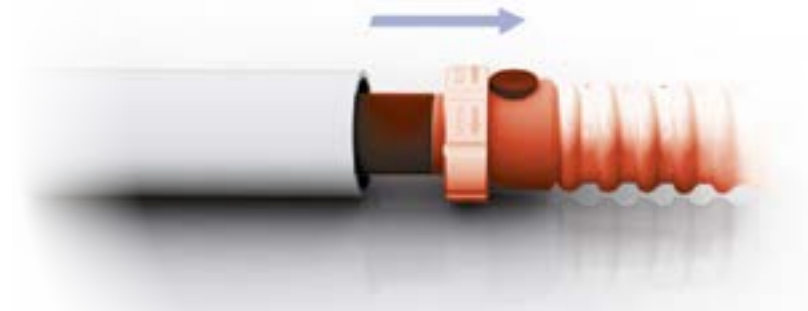


- Loosen knurled nut by turning left
- Caution! Do not turn the plastic lid



 Incorrect opening may damage connector pins on the micro motor

- Pull motor with hand piece cover out of motor sleeve



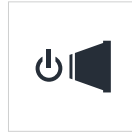
- The motor may now be pulled from the hand piece cover



 Caution: Please mind the micro motor's connection pins

Version info menu

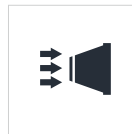
Pressing the „Suction stop“ button when turning on the device (while the logo is displayed) opens the version info menu. This menu displays information on the software versions and component run times.



VERSIONINFO		V1.9H	— Software version control panel
MAIN PCB		005	— Software version turbine
TURBINE		028	— Software version touch panel
TOUCH			
T-H	00001	013	— Runtime hand piece
T-B	00001	011	— Runtime turbine
T-L	00000	010	— Runtime lamp

User setup menu





Pressing the following buttons in the version info menu opens the user setup menu. In the user setup menu, you can set display brightness and the hand piece’s maximum speed.



USER SETUP			
BRIGHTNESS		>080	— Display brightness
RPM-MAX		030	— Max. Rpm Hand piece (x 1000)
SCREEN SAVE		030	— Time to screensaver

Use arrow keys to select the desired setting. Pressing the „SET“ button activates the selected field. When activated (#), setting can be changed using the arrow keys. Pressing „SET“ again saves the setting.

To exit version info or user setup menus, restart device using the power switch on the back.

Error Symbol	Cause	Solution
 Dust bag	Dust bag full	Exchange dust bag and confirm (see page 8/9)
 Hand piece	Hand piece not inserted Hand piece faulty	Check plug Replace hand piece motor (see page 13)
 Suction	Problem with dust suction	Turn device off using the power switch and turn on again. Contact service partner if problem persists.
 Hardware	Hardware error Processor error	Turn device off using the power switch and turn on again. Contact service partner if problem persists.

Fixing smaller issues	
Error:	Error:
Burrs do not clamp properly:	Burrs do not run smoothly:
Cause:	Cause:
Dirty collet chuck	Bent burr shaft
Burr shaft diameter too small	
Solution:	Solution:
<ul style="list-style-type: none"> Clean collet chuck & polygon sleeve 	<ul style="list-style-type: none"> Replace the burr/mandrel
<ul style="list-style-type: none"> Replace the burr/mandrel 	

Service record & dealer contact details

Year	Service Date	Date Complete	Service Stamp
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			