

Dental laboratory



good,
better,
perfecta.



Competence in the
laboratory since 1926

perfecta

People have Priority



» They are quiet, attractive and powerful instruments.«

Jürgen Auffarth, owner of a dental laboratory and international lecturer, Salzburg, Austria



» We have been using W&H handpieces in our devices for years.«

Enrico Steger, dental technician and founder of Zirkonzahn, Gais, South Tyrol, Italy



» The device is a real asset in our laboratory.«

Wolfgang Weisser, laboratory owner and technical editor, Aalen, Germany

Welcome to W&H

Successful throughout the world

The family-run company W&H is one of the world's leading providers of precision dental equipment. W&H has around 980 employees all over the world.



Competence in the laboratory since 1926

The manufacture of handpieces for dental technicians started as long ago as 1926. Development, production and service of all laboratory devices is still based near Salzburg.



Highest level service and 24-month warranty

People have Priority: At W&H our attention is focused on people. For you this means: you purchase a quality product that has been developed and sustainably manufactured with a 24-month warranty and the best possible service.



The right product for every person



»Top quality – it does simply everything!
And the service is absolutely the best!«

Perfecta 300

Naomi M. from Asia, 23 years old,
employed as a dental technician for three years

»I no longer automatically reach for
the air gun: The motor handpiece has
an integrated air-jet function!«

Emanuel C. from South America, 41 years old,
self-employed dental technician

Perfecta 600



»Wow! Much more powerful than an air
turbine. Ideal for machining ceramics.«

Perfecta 900

Carl S. from North America, 37 years old,
manager of a dental laboratory



Perfecta types overview

	Perfecta 300	Perfecta 600	Perfecta 900	Perfecta 900 Set*
Handpieces				
Motor handpiece with 5.5 Ncm, 1,000 – 40,000 rpm	●	–	–	–
Motor handpiece with 7.8 Ncm, 1,000 – 50,000 rpm	–	●	○	●
High-speed handpiece with 0.7 Ncm, 5,000 – 100,000 rpm	–	–	●	●
Brushless motor	●	●	●	●
Can be used for burs diameters 1.6 / 2.35 / 3.0 mm	– / ● / ○	– / ● / ○	● / ○ / ○	● / ● / ○
Special functions				
Integrated air-jet function	–	●	●	●
Automatic programs: Bistable / Speed control operation	● / –	● / ●	● / ●	● / ●
Clockwise and anti-clockwise operation	●	●	●	●
Model types				
Table control unit with foot-operated starter / knee control unit / foot control unit	● / ● / ●	● / ● / ●	● / ● / –	● / ● / –
External operating controls (optional for foot control unit)	●	●	●	●
»E-type« motor with ISO coupling, 5.5 Ncm, 1,000 – 40,000 rpm	○	–	–	–
Warranty				
24 months	●	●	●	●
Accessories				
Wall bracket for operating controls	○	○	○	○
Milling device adaptor	–	–	○	○
Technical handpiece 945 for ISO motor	○	–	–	–
● Standard equipment ○ optional – not available More details at wh.com				

*The Perfecta 900 Set with two handpieces is not a standard article. You will also need to order the motor handpiece and the applicable cable.



»My workstations: one unit – two handpieces – all materials!«

Perfecta 900 Set*

Silvia L. from Europe, 51 years old,
laboratory owner

Handpieces with integrated perfection

Both handpieces have an integrated air-jet function. You no longer have to keep reaching for the air gun, saving you a lot of time. You also work with the powerful electric

motor with a constant speed and very low noise. The ergonomic shape of the handpieces ensures convenient handling: You can work for long periods without fatigue.

And because W&H places great emphasis on quality, you have a 24-month warranty on both handpieces.

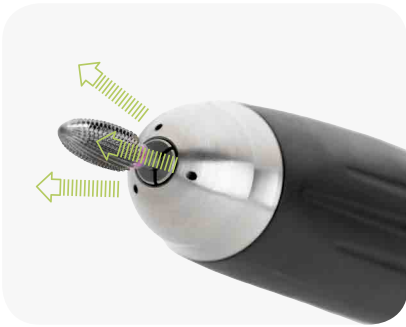


Motor handpiece



High-speed handpiece

The motor handpiece – your advantages



The integrated air-jet function simply blows chips and dust away. It also cleans the chucking system at the same time.



Extremely powerful: you always have sufficient power reserves available for even the most challenging work.



The »E-type« motor with ISO connection is an optional accessory for the Perfecta 300 only. You can use any available ISO handpiece with it.

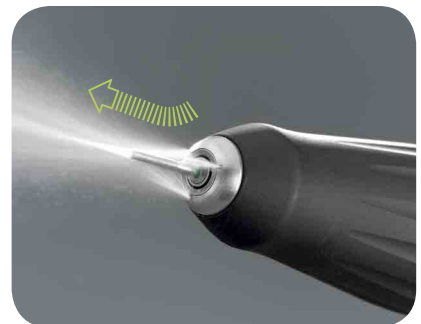
The high-speed handpiece – your advantages



The motor speed is easily controlled and ideal for accurate machining of all ceramic materials.



You work efficiently and quietly with up to 10 times the power of an air turbine (also in anti-clockwise operation).



You can also easily connect the unique triple spray. It provides protection from microcracking and guarantees optimum cooling in any position.

One unit for all materials

The high-speed handpiece and the motor handpiece can both be connected to the Perfecta 900 simultaneously, allowing you to machine all materials with only one unit.



Everything in view – everything under control

Your work is complex enough, at least the controls can be simple: All Perfecta models are therefore available with uncomplicated operating controls.

You can control all functions and with the Perfecta 900 switch between the two handpieces. The large, legible display shows the current speed.

The maximum speed is set with the speed control in the centre of the operating controls.



The operating controls – your advantages

Automatic programs make your work easier

In the »Bistable« mode you automatically start at the speed you specify. In the »Speed control operation« mode the current speed

is automatically saved and maintained after two seconds of operation.



Just switch programs instead of units

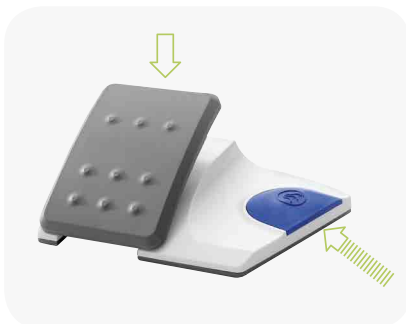
A press of the button switches between the high-speed handpiece and the motor handpiece when using

the Perfecta 900. This means that you only need one device for effective machining of all materials.



Perfect control – in the model of your choice

Table control unit



Start the motor, control the speed and activate the integrated air-jet function with the foot-operated starter.

Knee control unit



Control the speed and activate the integrated air-jet function with your knee.

Foot control unit



Activate the integrated air-jet function, control the speed and switch between clockwise/anti-clockwise rotation with the foot control.

The Perfecta family



- 1 Table control unit
- 2 Knee control unit
- 3 Foot control unit
(Perfecta 300 / Perfecta 600)
- 4 Table control unit
(Perfecta 900, as knee control
unit includes knee lever no. 8)

- 5 Operating controls
- 6 Foot-operated starter
- 7 Button for integrated
air-jet function
- 8 Knee lever for integrated
air-jet function

- 9 Motor handpiece
(optional for Perfecta 900)
- 10 »E-type« motor with
ISO connection (optional for
Perfecta 300 only)
- 11 High-speed handpiece
- 12 Coolant tank (400 ml,
Perfecta 900 only)

Perfecta accessories

Milling device adaptor – 100% parallel

The high-speed handpiece can be connected to virtually any milling machine with the milling device adaptor.

This allows accurate parallel operation and you create perfectly milled constructions.



Tool kit and cleaning kit included

There is a useful tool kit and cleaning kit in the handpiece holder. You can

easily service and clean your motor handpiece yourself.



Wall bracket can be positioned as desired

Everything in view at all times: You can mount the operating controls on the

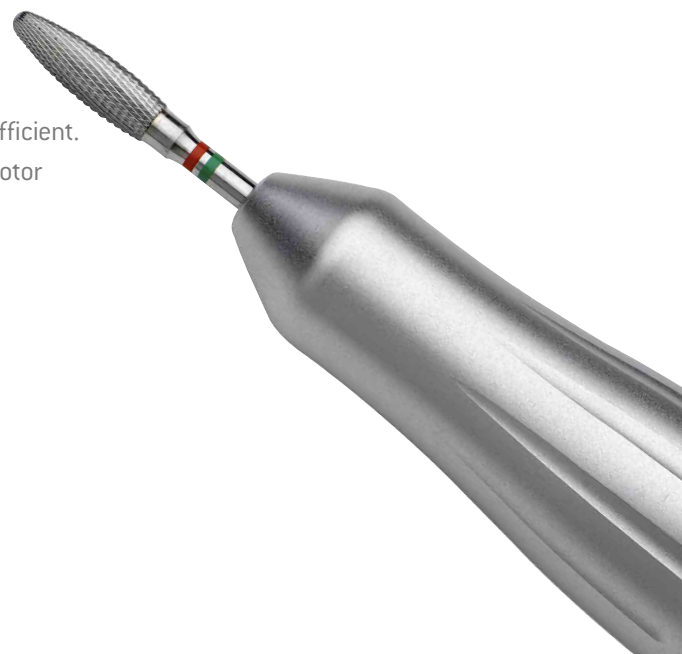
wall, the table or the wall-mounted shelf with the adjustable wall bracket.



Technical handpiece 945 for the practice

The technical handpiece 945 makes corrections, adjustments and reworking of dentures and dental

control apparatus quick and efficient. The handpiece also fits any motor with an ISO connection.



Technical data

Scan the QR code
with your mobile telephone
for more information
on the Perfecta



Pictures are for illustrative purposes only. Additional equipment and accessories shown are not included as standard.

Types	CE	Perfecta 300	Perfecta 600	Perfecta 900
Handpieces				
Motor handpiece with 5.5 Ncm, 1,000 – 40,000 min ⁻¹		●	–	–
Motor handpiece with 7.8 Ncm, 1,000 – 50,000 min ⁻¹		–	●	○
High-speed handpiece with 0.7 Ncm, 5,000 – 100,000 min ⁻¹		–	–	●
Brushless motor		●	●	●
Special functions				
Integrated air-jet function		–	●	●
Automatic programs: Bistable / Speed control operation		● / –	● / ●	● / ●
Clockwise and anti-clockwise operation		●	●	●
Model types				
Table control unit with foot-operated starter / knee control unit / foot control unit		● / ● / ●	● / ● / ●	● / ● / –
External operating controls (optional for foot control unit)		●	●	●
»E-type« motor with ISO coupling, 5.5 Ncm, 1,000 – 40,000 min ⁻¹		○	–	–
Warranty				
24 months		●	●	●
● Standard equipment ○ optional – not available More details at wh.com				

Motor handpiece



High-speed handpiece

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