



AG Neovo Healthcare

Product Brochure 2022

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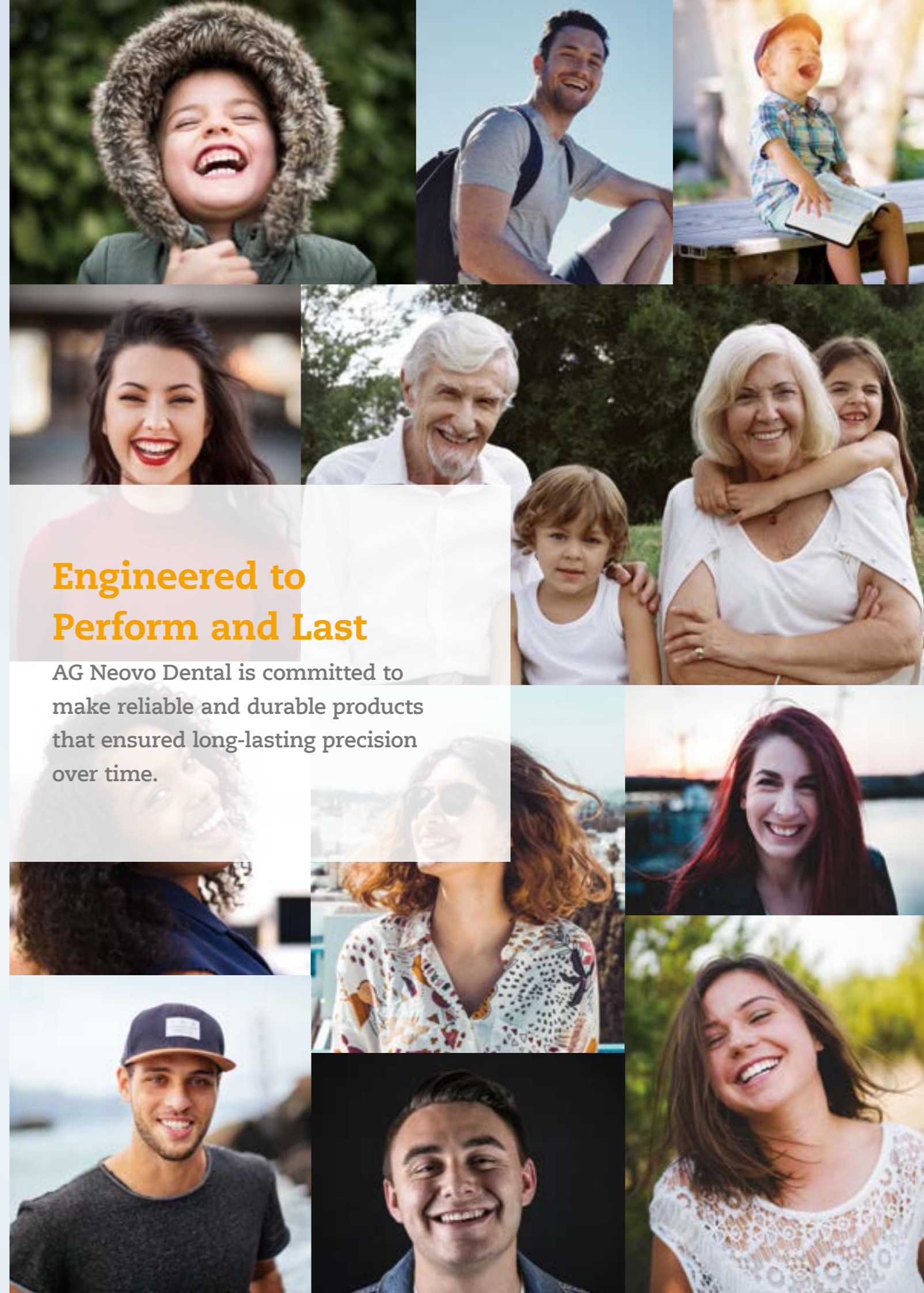
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**Engineered to
Perform and Last**

AG Neovo Dental is committed to
make reliable and durable products
that ensured long-lasting precision
over time.

Revolution Series

Air Turbine Dental Handpiece

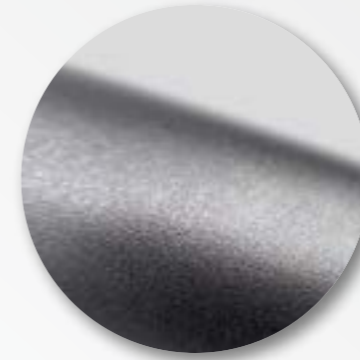


Dual-Impeller

The dual-impeller is the ultimate factor for the turbine efficiency. The exceptional air flow led to the perfect balance between torque and rotational speed.

Dual-Impeller

One of the kind dual impeller turbine guarantee, each time a smooth, stable, consistent and powerful cutting procedure.



Proprietary Slip-Free Coating

Guarantees a positive tactile grip when prepping oral procedures.



Push Button

Press-release mechanism provides an effortless bur changing experience.



Flat Design

Japanese inspiration and one of the kind flat design that makes the perfect irradiation angle of fiber optic lighting.



Spring Type Chuck – High Dynamic Retention Force

World-class leading bur-gripping mechanism ensures reliable dynamic high retention force.

Revolution Series - Air Turbine

Ceramic Bearing, Spring Type Chuck, Push Button Chuck, Comfort 63 dBA,
Using certified ISO 1797-1 Ø 1.59-1.60 mm standard size bur



Model	R-6510K	R-6500K	R-6110K	R-6100K
Head Size (Diameter x Height)	Standard Ø11.2 x 13.2 mm	Standard Ø11.2 x 13.2 mm	Mini Ø11.2 x 11.7 mm	Mini Ø11.2 x 11.7 mm
Power (Max.)	22W	22W	20W	20W
Speed ¹	330,000~390,000 rpm	330,000~390,000 rpm	330,000~390,000 rpm	330,000~390,000 rpm
Operating Air Pressure (Recommended Air Pressure) ²	36~43 psi (40 psi) 0.25~0.3 MPa (0.28 MPa)	36~43 psi (40 psi) 0.25~0.3 MPa (0.28 MPa)	36~43 psi (40 psi) 0.25~0.3 MPa (0.28 MPa)	36~43 psi (40 psi) 0.25~0.3 MPa (0.28 MPa)
Spray	4	4	4	4
Fiber Optic	Yes	No	Yes	No
Weight	56 g / 1.98 oz	56 g / 1.98 oz	56 g / 1.98 oz	56 g / 1.98 oz
Compatible Coupler Connection	KaVo Fiber Optic	KaVo Non-Fiber Optic	KaVo Fiber Optic	KaVo Non-Fiber Optic

1-With recommended air pressure setting, actual speed might vary with how the delivery system has been set up.

2-Recommended air pressure setting

Revolution Series - Air Turbine

Ceramic Bearing, Spring Type Chuck, Push Button Chuck, Comfort 63 dBA,
Using certified ISO 1797-1 Ø 1.59-1.60 mm standard size bur



Model	R-6510N	R-6500N	R-6110N	R-6100N
Head Size (Diameter x Height)	Standard Ø11.2 x 13.2 mm	Standard Ø11.2 x 13.2 mm	Mini Ø11.2 x 11.7 mm	Mini Ø11.2 x 11.7 mm
Power (Max.)	22W	22W	20W	20W
Speed ¹	330,000~390,000 rpm	330,000~390,000 rpm	330,000~390,000 rpm	330,000~390,000 rpm
Operating Air Pressure (Recommended Air Pressure) ²	36~43 psi (40 psi) 0.25~0.3 MPa (0.28 MPa)	36~43 psi (40 psi) 0.25~0.3 MPa (0.28 MPa)	36~43 psi (40 psi) 0.25~0.3 MPa (0.28 MPa)	36~43 psi (40 psi) 0.25~0.3 MPa (0.28 MPa)
Spray	4	4	4	4
Fiber Optic	Yes	No	Yes	No
Weight	44 g / 1.55 oz	44 g / 1.55 oz	44 g / 1.55 oz	42 g / 1.48 oz
Compatible Coupler Connection	NSK-PTL	NSK-FM	NSK-PTL	NSK-FM

1-With recommended air pressure setting, actual speed might vary with how the delivery system has been set up.

2-Recommended air pressure setting

Revolution Series - Air Turbine

Ceramic Bearing, Spring Type Chuck, Push Button Chuck, Comfort 63 dBA,
Using certified ISO 1797-1 Ø 1.59-1.60 mm standard size bur



Model	R-6110S	R-6100S	R-6510WH	R-6110WH
Head Size (Diameter x Height)	Mini Ø11.2 x 11.7 mm	Mini Ø11.2 x 11.7 mm	Standard Ø11.2 x 13.2 mm	Mini Ø11.2 x 11.7 mm
Power (Max.)	20W	20W	22W	20W
Speed ¹	330,000~390,000 rpm	330,000~390,000 rpm	330,000~390,000 rpm	330,000~390,000 rpm
Operating Air Pressure (Recommended Air Pressure) ²	36~43 psi (40 psi) 0.25~0.3 MPa (0.28 MPa)	36~43 psi (40 psi) 0.25~0.3 MPa (0.28 MPa)	36~43 psi (40 psi) 0.25~0.3 MPa (0.28 MPa)	36~43 psi (40 psi) 0.25~0.3 MPa (0.28 MPa)
Spray	4	4	4	4
Fiber Optic	Yes	No	Yes	Yes
Weight	56 g / 1.98 oz	54 g / 1.90 oz	50 g / 1.76 oz	50 g / 1.76 oz
Compatible Coupler Connection	STAR Fiber Optic	STAR Non-Fiber Optic	W&H-Roto Quick	W&H-Roto Quick

1-With recommended air pressure setting, actual speed might vary with how the delivery system has been set up.

2-Recommended air pressure setting

Revolution Series - Air Turbine

Ceramic Bearing, Spring Type Chuck, Push Button Chuck, Comfort 63 dBA,
Using certified ISO 1797-1 Ø 1.59-1.60 mm standard size bur



Model	R-6510DPS	R-6110DPS	R-6500M4	R-6800B2
Head Size (Diameter x Height)	Standard Ø11.2 x 13.2 mm	Mini Ø11.2 x 11.7 mm	Standard Ø11.2 x 13.2 mm	Torque Ø12.2 x 13.2 mm
Power (Max.)	22W	20W	22W	25W
Speed ¹	330,000~390,000 rpm	330,000~390,000 rpm	330,000~390,000 rpm	310,000~370,000 rpm
Operating Air Pressure (Recommended Air Pressure) ²	36~43 psi (40 psi) 0.25~0.3 MPa (0.28 MPa)	36~43 psi (40 psi) 0.25~0.3 MPa (0.28 MPa)	36~43 psi (40 psi) 0.25~0.3 MPa (0.28 MPa)	36~43 psi (40 psi) 0.25~0.3 MPa (0.28 MPa)
Spray	4	4	4	4
Fiber Optic	Yes	Yes	No	No
Weight	60 g / 2.12 oz	58 g / 2.05 oz	50 g / 1.76 oz	52 g / 1.83 oz
Compatible Coupler Connection	SIRONA	SIRONA	Midwest Fixed End 4 Holes	Borden Fixed End 2 Holes

1-With recommended air pressure setting, actual speed might vary with how the delivery system has been set up.

2-Recommended air pressure setting

Revolution Series Contra-angle and Straight

Durable, Low-noise, and Easy Handling and Great Grip with Ergonomic Design

AG Neovo Healthcare contra-angle dental handpiece offers high torque with a compact, light-weight, and durable design, which offers an exceptional balanced cutting performance with low noise for each procedure. Ergonomic and slip-free body design provides dentists with a better grip and reduces hand fatigue for long hours work. The Revolution Series features high quality of stainless steel non-groove craftsmanship, making it easy to clean and sterilize to prevent cross-contamination.



Ergonomic and Lightweight Design

The lighter and ergonomic body shape allows users to have a positive tactile grip and less hand fatigue for long hours working.



Water Spray Cooling System

The Revolution Series provides 4-port water spray system to effectively cool the bur and treatment areas. Internal and external irrigation models are available.

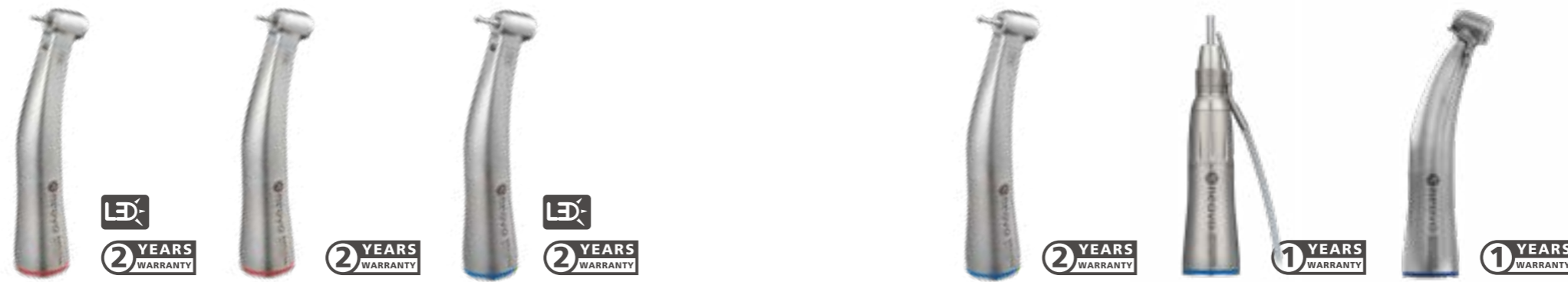


Fiber-optic glass rod

Scratch-resistant and flat surface design makes the perfect irradiation angle for the light source.

Revolution Series - Contra-angle and Straight

Optimum Cutting Performance, External Irrigation System
for Various Applications.



Model	R-5510	R-5500	R-4010	R-4000	R-2005	R-4005
Type	Contra-angle	Contra-angle	Contra-angle	Contra-angle	Straight	Contra-angle
Gear Ratio	1:5 Increasing	1:5 Increasing	1:1 Direct drive	1:1 Direct drive	1:1 Direct drive	1:1 Direct drive
Max. Speed	200,000 rpm	200,000 rpm	40,000 rpm	40,000 rpm	40,000 rpm	40,000 rpm
Bur Type	FG (Ø1.6)	FG (Ø1.6)	CA (Ø2.35)	CA (Ø2.35)	HP (Ø2.35)	CA (Ø2.35)
Spray	4	4	4	4	External irrigation	External irrigation
Fiber Optic	Yes	No	Yes	No	No	No
Chuck	Push button	Push button	Push button	Push button	Locking	Push button

LouieP SérieS

Steam Sterilizer

About LouieP SérieS

The LouieP SérieS is the first steam sterilizer added to the AG Neovo Healthcare Dental product lines to fit the rising need for sterile products for patient care, particularly in dental offices and healthcare centers/organizations. It is named in honor of Louis Pasteur, the pioneer in the procedures of disinfection and sterilization in the 19th century, as paying our tribute to the greatest scientist.



LouieP SérieS P-M10TR is an ideal alternative steam sterilizer for the dental clinics and healthcare centers. Featuring dynamic air-removal technology, pre-programmed cycle and closed-door drying, it allows high-efficiency operation to sterilize wrapped instruments with less system errors. Built with ASME certified pressure chamber and auto-disconnect safety mechanism, it provides a safe and sterile environment for your daily operation.



Features

- Simple press operation
- Dynamic air-removal technology
- Over pressure and temperature control with auto-disconnect mechanism
- Easy USB data logging for sterilization cycle report
- FDA cleared and ASME certified pressure chamber

LouieP Séries Steam Sterilizer

P-M10TR **2 YEARS WARRANTY**

Specifications

Chamber Size	10.2" (26 cm) Diameter x 17.7" (45 cm) Depth
Overall Dimensions (W x H x D)	21" x 17.4" x 25.8" (53.3 cm x 44.2 cm x 65.5 cm)
Minimum Countertop Area (W x D)	29" x 29.8" (73.7 cm x 75.7 cm)
Volume	6.3 Gal (24 liters)
Tray (W x D)	Three (6.25" x 15" / 15.9 cm x 38.1 cm)
Voltage / Power (heater)	12A / 120VAC 60Hz / 1400W
Programmed Cycle	270°F Unwrapped, 270°F Wrapped (Pouches), 250°F Wrapped (Packs), Handpieces, B.D. Test (Cleaning), Pump Test, Re-Dry
Water Reservoir Capacity & Filling Access	1.1 Gal (4.2 liters) & Top (Rear)
Closed Door Drying	Yes
Data Logger	Yes (via USB port)
Unit Weight	127.9 lbs (58 kg)
Shipping Weight	134.5 lbs (61 kg)
Safety Standards	IEC 61010-1, 3rd Edition IEC 61010-2-040:2015 ASME Boiler & Pressure Vessel Code, Section VIII, Division 1
Certifications	ANSI/AAMI ST55:2016
Warranty	2 year limited

Accessories



Tray Frame with 3 Stainless Steel Trays



Tray Holder



Heater Cover



Cleanser for Chamber



USB Flash Drive (incl. data reader software)

Portable Dental Unit

PDE-181 **1 YEARS WARRANTY**



Features

- Two 4-hole handpiece connections
- 3-way air/water syringe
- H.V.E. (High Volume Evacuator)
- S.E. (Saliva Ejector)
- LED Curing Light
- Ultrasonic Scaler

Quick Specs

PDE-181

Voltage	Available in 110V or 220V
Dimension	L17.7" x W12.2" x H26.8" (L450 x W310 x H680 mm)
Weight	±70 lb (±31.8 kg)

*Specifications are subject to change without notice.
Please read the Operation Manual before use and keep for future reference.*





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