



Intro

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Summary

Midwest<sup>®</sup> Energo<sup>™</sup>

The new generation of  
electric handpieces







## Our Mission

We don't just work. Our work is passionate and full of memories. Memories that have made us the professional we are today.

That's why we work tirelessly to make the quality of our handpieces feel as exceptional as DAY1.

Explore our new series of electric handpieces.

[Midwest T1 Energo Trailer](#)

REMEMBER  
YOUR FIRST  
DENTAL OFFICE  
AND THE  
FIRST TIME  
YOU MADE  
A PATIENT  
**SMILE** AGAIN.

THINK BACK  
TO WHEN  
YOU  
FIRST  
WANTED  
TO BE A  
**DENTIST.**

THOSE  
FIRST  
EXPERIENCES  
STAY  
WITH US  
**FOREVER.**

THAT'S WHY  
WE STRIVE  
FOR QUALITY  
THAT FEELS  
EXCEPTIONAL  
AS **DAY1.**





like  DAY 1







# Key Benefits of the new Midwest Energo Portfolio

Simplified handling

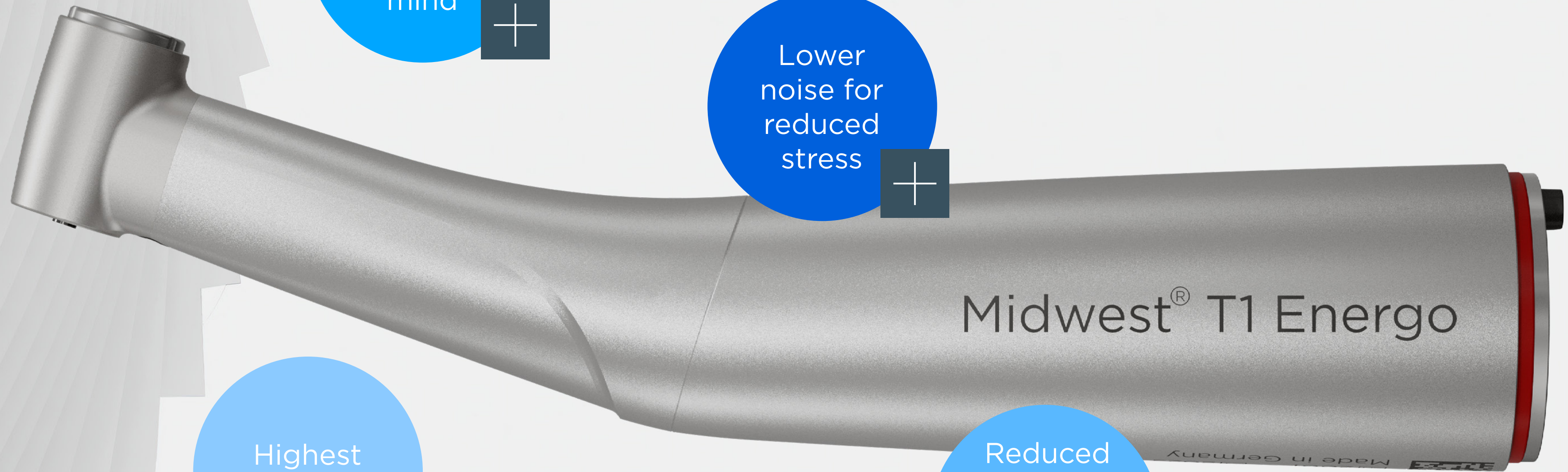
Daily hero for piece-of-mind

Lower noise for reduced stress

Optimal access and improved view

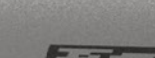
Highest safety

Reduced carbon footprint for sustainability



Midwest® T1 Energo

Made in Germany







## Durability redefined

Our cutting-edge engineering and materials science synergy delivered a new gear design with one main optimization: Reduced gear abrasion and wear.

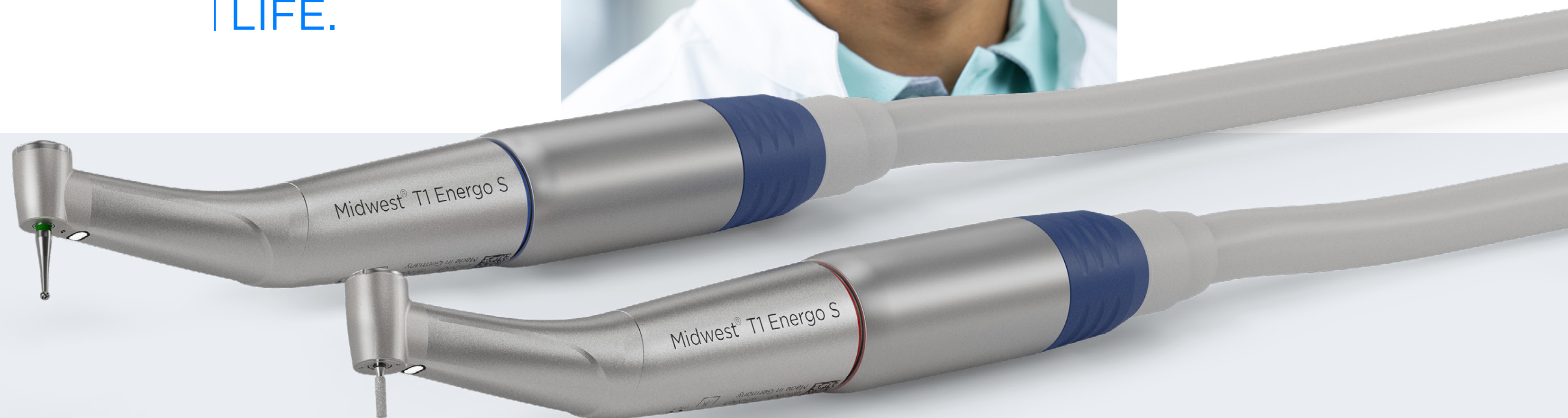
This results in a significant increase in durability\* supported by an industry leading **3-Year warranty**.

**A DAILY  
HERO!**  
LONGER,  
WORRY-FREE  
LIFE.



## Precision that feels like DAY1

**Optimization of the gear design leads to higher durability and longer lifetime of the handpiece and extended warranty for you.\***



\*Endurance tests show a multiple higher lifetime against the current models.  
Study with measurement results of the current and new platform available on request (contact@dentsplysirona.com)





**STRESS  
FREE  
WORKING  
WITH LESS  
NOISE.**



## Silence nearly perfected

Dentsply Sirona sets new standards for quiet operation with Midwest Energo. Thanks to a patented 4x2 nozzle spray system\*, sound with spray and bur is approximately 23 % quieter:

Unmatched Noise Reduction:

- Enhances user experience and patient comfort
- Optimized Gear Design reduces internal vibration
- Patented nozzle spray mini
- The quietest 1:5 contra-angle handpiece on the market

## Silence that feels like DAY1

**Optimization of the gear design allows you to work in a quieter environment protecting you, your assistant, and patient!**

\*only valid for red handpieces, not for the mini version with 1 nozzle spray





## Ergonomics redesigned

See everything you want to see with nearly no limits. With Midwest Energo we provide you an electric handpiece with a smaller head and improved handshape for first-class sight and precise work.

- Improved fiber-optic glass enhances illumination up to 40 kLux for a brighter work area (approximately 34 % transmission improvement)
- Smaller head with increased bur protrusion for improved access to deeper preps

[Facts and figures](#)

## Ergonomics that feels like DAY1

**Significant reduction of handpiece head dimensions offers you an improved access as well as more sight of the preparation area with first-class illumination.**



ENJOY  
**OPTIMAL  
ACCESS AND  
IMPROVED  
VIEW.**







Designed for  
**SIMPLIFIED  
HANDLING.**



## Easier to use

The daily work of the dentist is demanding and challenging. We want to help make it easier with the new Midwest Energo handpieces every day.

### **The result is a new era with Midwest Energo**

- Simplified change of bur with 40 % less push button force required to open the chuck
- Comfortable work due to ergonomic design and secure grip
- Light and robust handpieces thanks to optimized material mix of steel and titanium
- The electric handpieces are among the lightest in their class weighing less than 60gms

## Simplicity that feels like DAY1

**The new chuck system needs less power\* and the overall design and the choice of materials improve ergonomics and reduces weight. This makes your work life easier.**

\*1: only at T1 class







## Safe Head Technology: One of the coolest heads on the market

With the highly concentrated work on patients, you can sometimes break into a sweat. Unfortunately, there is nothing we can do about that. What we can do, however, is to ensure that your handpiece does not get too warm. We have developed a patented head for this purpose that reduces temperature when running and utilizes a double wall cap design to beat the heat.

- One of the coolest heads on the market
- Improved safety during working\*
- Easy to reprocess
- Less contamination due to integrated water filter

### Safety that feels like DAY1

**Safety is our priority. That is why we have designed one of the coolest heads in the market to minimize the risk of heat within the chuck system.**

\*in comparison with predecessor product (Line platform)

THE NEW  
COOL IN  
SAFE **HEAD**  
**TECHNOLOGY.**







## Sustainability in action

Sustainability is close to all our hearts. For this reason, reducing the CO<sub>2</sub> footprint was one of the key objectives in the new development of the Midwest Energo series. We are proud to say that with Midwest Energo we have created our most sustainable contra-angle handpiece series.

- Ecological design of the new product leading to less CO<sub>2</sub> emission in the whole life-cycle of the product
- New packaging with less CO<sub>2</sub> impact
- No more printed IFU in order to save resources
- Less contamination due to integrated water filter

DESIGNED  
WITH  
**CARE**  
ABOUT  
OUR  
**PLANET.**

Graphic



## Sustainability that feels like DAY1

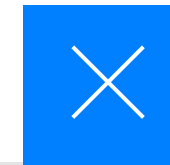
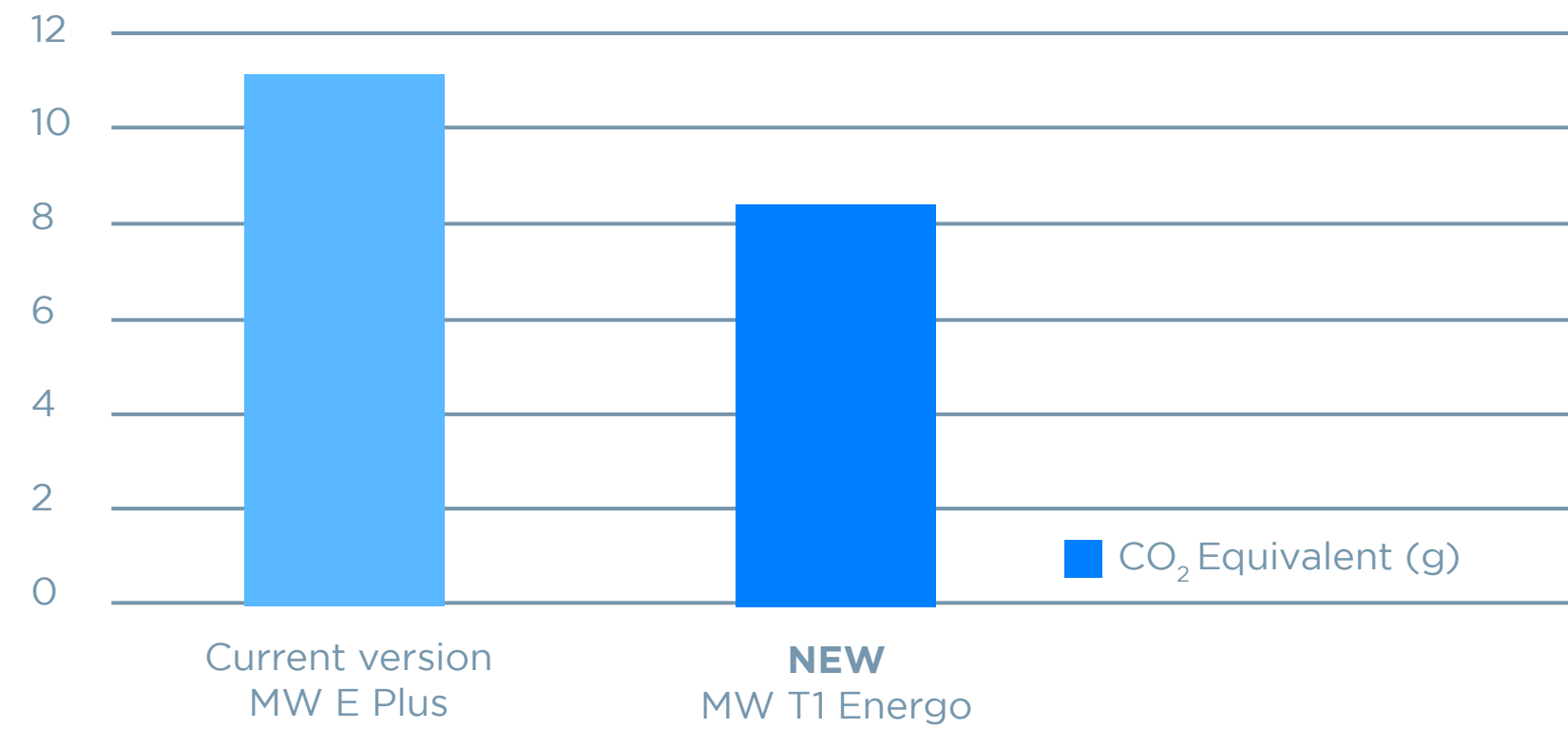
**Electronic only IFU saves natural resources and reduces carbon footprint; including new sustainable packaging and electronic IFU.**





## Sustainability in action

Ecological impact (Production and Use Phase)



## Sustainability that feels like DAY1

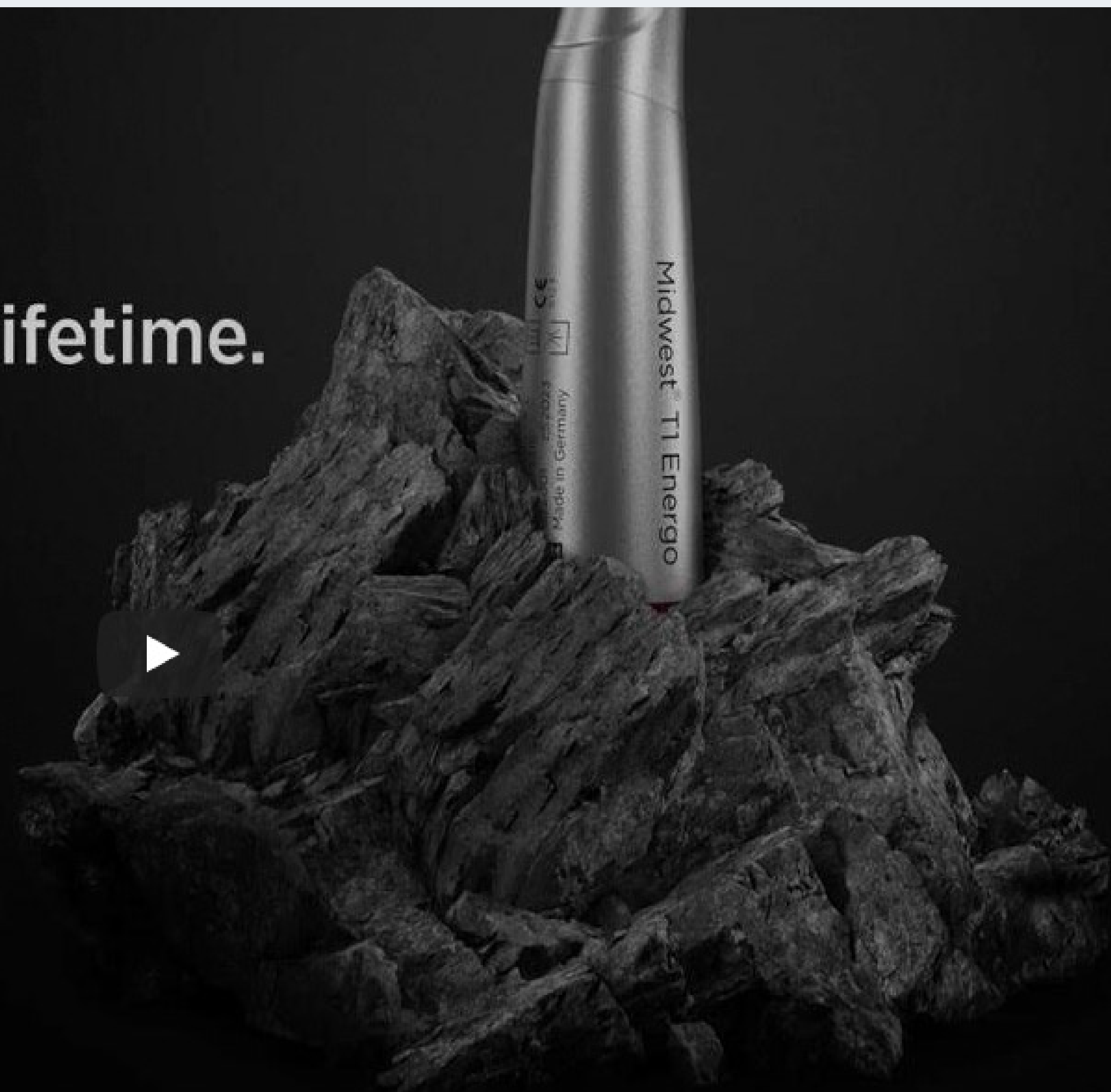
**Fit for the future - thanks to the development process the carbon footprint has been reduced by ~25 %; including new sustainable packaging and no printed IFU.**





Reason IV

**Significantly increased lifetime.**







# The new product portfolio – differentiation through classes

Midwest	T1 Energo	T1 Energo S	T2 Energo
Optimized (improved) gear design / Warranty	3-Years	3-Years	2-Years
DLC (Diamond like Carbon)-coating for ball bearings*	✓	✓	
Reduced weight	~58 gr	~54 gr	~72 gr
Sleeve material	Titanium	Titanium	Stainless steel
Steel heads for robustness	✓	✓	✓
Unmatched noise level* (~60 dB(A))	✓	✓	✓
Patented 4x2 nozzle spray*	✓	✓	✓
Enhanced illumination for excellent visibility (~40 kLux)	✓	✓	✓
Simplified handling with easy chuck activation (~35 N)	✓	✓	✓
Reduced head dimensions	✓	✓	✓
Integrated water filter	✓	✓	✓
Safe-head technology*	✓	✓	✓
Made in Germany	✓	✓	✓



\*only valid for red CA





# The new portfolio – products

Midwest T1 Energo									
Types	Color coding	Gear ration	Speed (rpm)	Head diameter (mm)	Head height (mm)	Equipment	Spray	Indication	REF US
MW T1 Energo 1:5 L	•	1:5	200,000	8.9 mm	13.52 mm	Ø 1.6 FG	4*2-nozzle spray	Cavity and crown preparation	875315
MW T1 Energo 1:1 L	•	1:1	40,000	8.7 mm	12.25 mm	Ø 2.35 WB	1-nozzle spray	Finishing	875320
MW T1 Energo S 1:5 L	•	1:5	200,000	8.9 mm	13.52 mm	Ø 1.6 FG	4*2-nozzle spray	Cavity and crown preparation	875305
MW T1 Energo S 1:1 L	•	1:1	40,000	8.7 mm	12.25 mm	Ø 2.35 WB	1-nozzle spray	Finishing	875310



Midwest T2 Energo									
Types	Color coding	Gear ration	Speed (rpm)	Head diameter (mm)	Head height (mm)	Equipment	Spray	Indication	REF US
MW T2 Energo 1:5 L	•	1:5	200,000	8.9 mm	13.52 mm	Ø 1.6 FG	4*2-nozzle spray	Cavity and crown preparation	875415
MW T2 Energo 1:1 L	•	1:1	40,000	8.7 mm	12.25 mm	Ø 2.35 WB	1-nozzle spray	Finishing	875420
MW T2 Energo M 1:5 L	•	1:5	200,000	8.9 mm	12.14 mm	Ø 1.6 FG	1-nozzle spray	Cavity and crown preparation	875401







# Advantages of the Midwest Energo series at a glance

 **Stress-free working - reduced noise**

 **Daily hero! No longer worry**

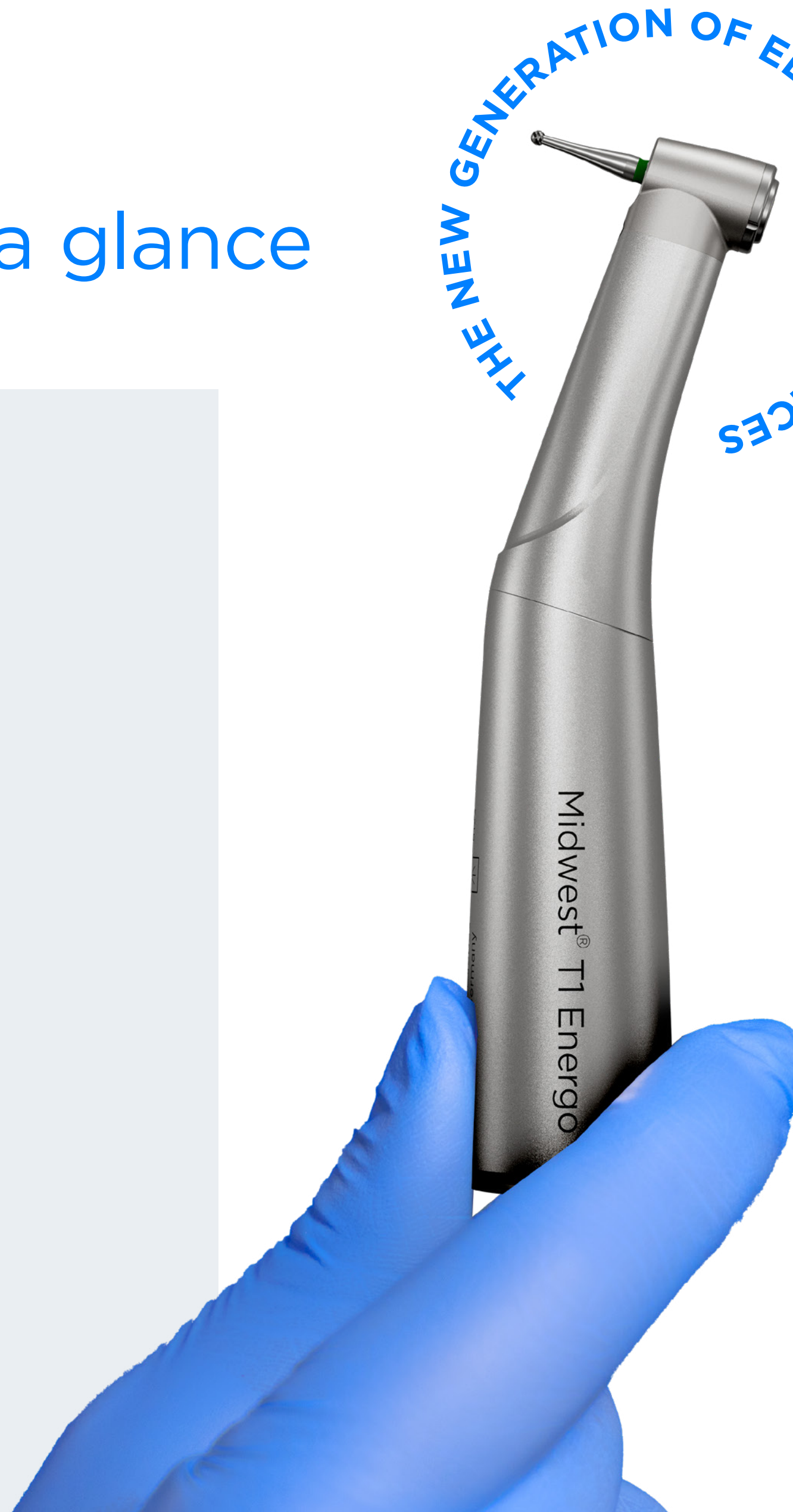
 **Optimal access and improved view**

 **Highest safety**

 **Simplified handling**

 **Sustainable - reduced carbon footprint**


THE NEW GENERATION OF ELECTRIC HANDPIECES



EXPERIENCE  
THE DIFFERENCE  
FIRSTHAND.

[Get in Touch](#)





For more information and to order, contact your Dentsply Sirona Midwest representative directly, or call 800.800.2888

Get in Touch

