



# MAKE THE SWITCH TO NEUTRON



# EVERY PATIENT, EVERY TIME.

## ALL PATIENTS BENEFIT FROM THE VERSATILITY AND GENTLENESS OF NEWTRON® TECHNOLOGY



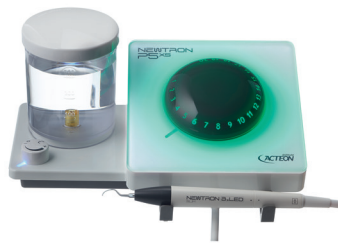
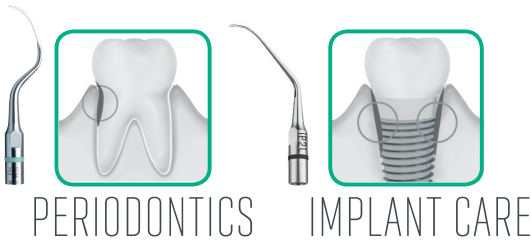
Gentle vibrations for pediatrics and sensitive patients



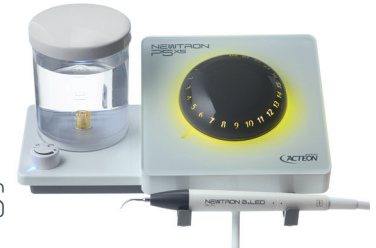
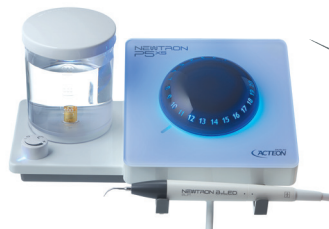
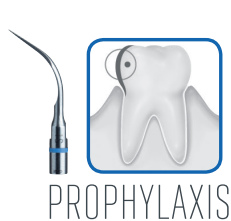
Less water for disabled or geriatric patients who cannot recline for treatment



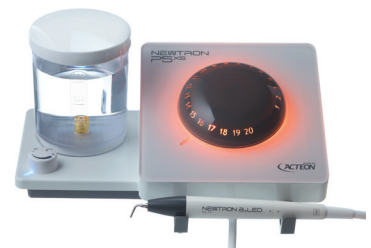
Less water for patients with sleep apnea



**NEWTRON® TIPS ARE GENTLE ON TEETH AND HAVE THE MOST APPLICATIONS OF ANY ULTRASONIC SCALER**



Patented color-coding technology makes power selection easy, reducing risk of tip breakage



# COMFORT FOR YOU & YOUR PATIENTS

## Very Little Pressure

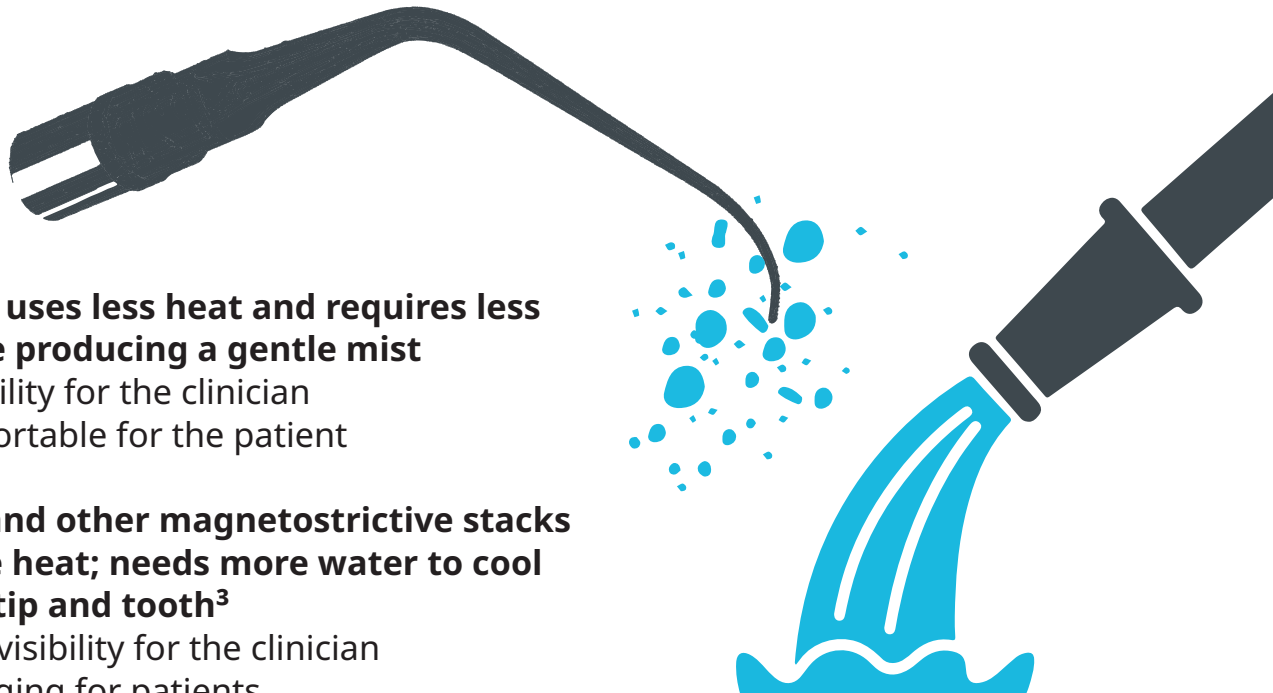
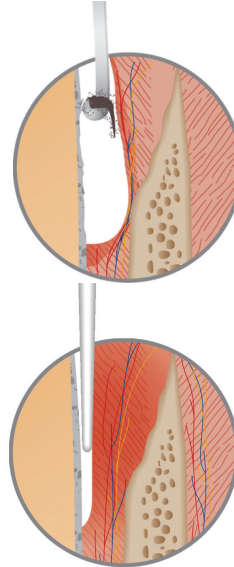
- Less hand fatigue
- More comfortable for the patient

## Soft Tissue Preservation

- No gingival damage
- Decreased cementum removal<sup>1</sup>

## Time-Saving

- Treatments are 20% to 50% shorter<sup>2</sup>
- More time for hygiene education
- More patients treated



## NEWTRON® uses less heat and requires less water, while producing a gentle mist

- Better visibility for the clinician
- More comfortable for the patient

## Cavitron™ and other magnetostrictive stacks create more heat; needs more water to cool handpiece, tip and tooth<sup>3</sup>

- Decreased visibility for the clinician
- Risk of gagging for patients

(1) G. Gagnot, F. Mora, M-G. Poblete, E. Vachey, J-F. Michel, G. Cathelineau Comparative Study Of Manual And Ultrasonic Instrumentation On Cementum Surfaces, Influence Of Lateral Pressure. Revue Internationale de Parodontie et Dentisterie Restauratrice ; 24, 136-145, 2004

(2) Hayes MJ, Cockrell D, Smith DR. A systematic review of musculoskeletal disorders among dental professionals. IFDH. 2009 Aug;(3): 159-165

(3) Van der Velden U, Koster TJG, Feilzer AJ, Timmerman MF, Van der Weijden GA. In vitro evaluation of temperature changes in the root canal induced by ultrasonics scalers. International Journal of Dental Hygiene. 2014

# A COMPLETE & VERSATILE RANGE



## **NEWTRON® Booster**

Compact and efficient  
Non-LED Handpiece  
Quick-water disconnect



## **NEWTRON® P5 B.LED**

LED Handpiece  
Quick-water disconnect

## **NEWTRON® P5 XS B.LED**

LED Handpiece  
Independent irrigation tank  
for any solution



"As a dentist who has practiced for nearly four decades, I've tried a lot of hygiene instruments over the years and none have been better, more effective, and gentler than our NEWTRON®s. We have three hygiene rooms and I have two full-time and two part-time hygienists. We have a NEWTRON® in all three rooms and I wouldn't have it any other way! The best advice I can provide is that if you have more than one hygienist in your office, purchase a unit for ALL hygiene rooms because your hygienists will be fighting for the "one". Our patients and the hygienists absolutely love NEWTRON® and it makes all the difference in running an effective hygiene practice." - **Gordon D. Sokoloff, DDS**

# A KEY ROLE IN IMPLANT MAINTENANCE

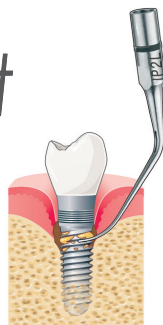
**NEWTRON®**



**NEWTRON**



**implantProtect**  
Pure Titanium



**IMPLANT PROTECT TIP KIT**

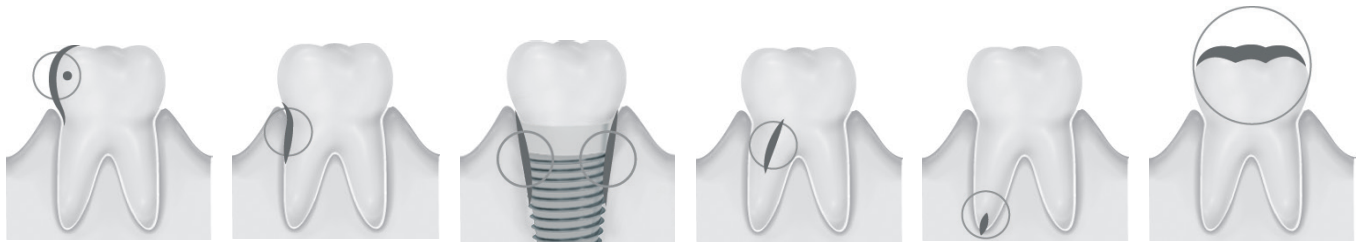
**AIR-N-GO® EASY + PERIO EASY KIT**

**DETECT**  
**DIAGNOSE**  
**TREAT**

**Contact ACTEON for a Detailed Implant Maintenance Protocol**



# NEWTRON TIPS



PROPHYLAXIS

PERIODONTICS

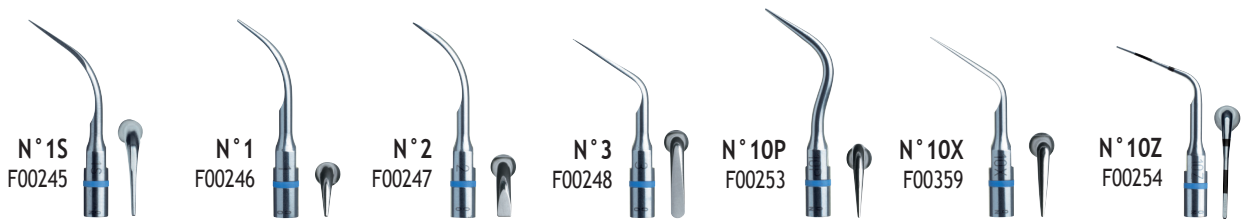
IMPLANT CARE

ENDODONTICS

SURGICAL  
ENDODONTICS

CONSERVATIVE  
& RESTORATIVE  
DENTISTRY

scaling



periodontics



perioPrecision

periomaintenance

BDR



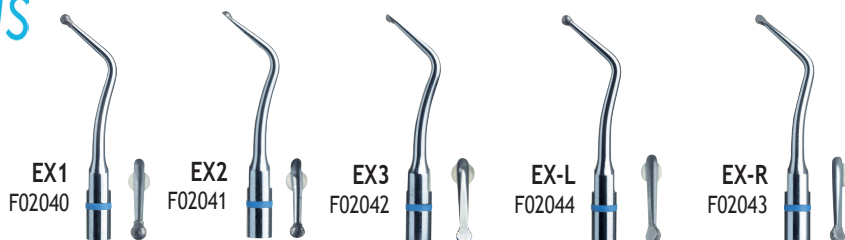
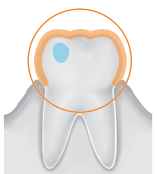
perioSoft  
(4 - Pack)



implantProtect  
Pure Titanium



excavus



ROUND TORQUE  
WRENCHES



F81320



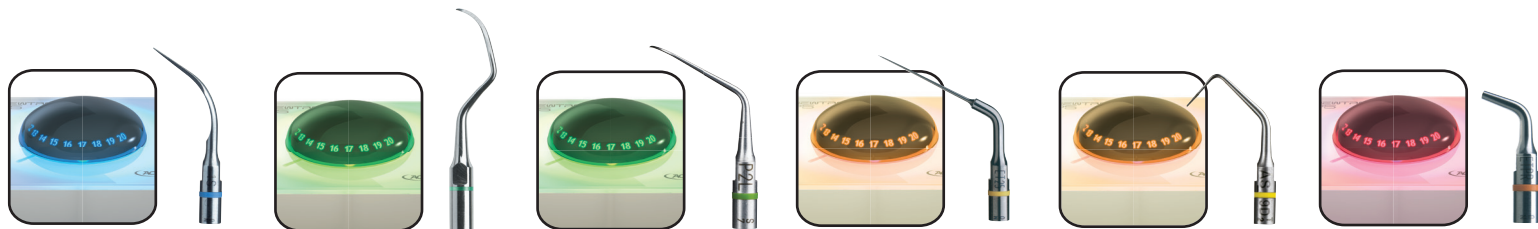
F81321



F81322



F81323



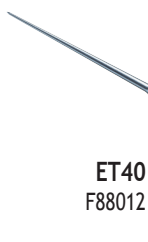
Over 80 different tips, with exclusive and patented designs, alloys and coatings that won't damage the different surfaces treated

**irrisafe**

(4 - Pack)



IRR 20-21mm - F43807  
IRR 20-25mm - F43808  
IRR 25-21mm - F43805  
IRR 25-25mm - F43806



ET40  
F88012



ET40D  
F88014

**endodontics**

(4 - Pack)



K-Files  
(4-Pack)

K10/21mm - F43710  
K10/25mm - F43712  
K15/21mm - F43715  
K15/25mm - F43717  
K25/21mm - F43725  
K25/25mm - F43727  
K30/21mm - F43730  
K20/25mm - F43732

**ENDO SUCCESS**  
Retreatment



ET18D  
F88017



ETBD  
F88020



ET20  
F88011



ET25  
F88018



ET25S  
F88021



ET25L  
F88022



ETPR  
F88019

**ENDO SUCCESS**  
Apical Surgery



AS3D  
F00065



AS6D  
F00079



AS9D  
F00067



ASLD  
F00080



ASRD  
F00081

**ENDO SUCCESS**  
Canal Access Prep



CAP1  
F88181

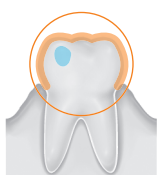


CAP2  
F88182



CAP3  
F88183

**perfectMARGIN**  
Rounded



PM1  
F02250



PM2  
F02251



PM3  
F02252



PM4  
F02253

**perfectMARGIN**  
Shoulder



PMS1  
F02254

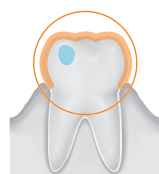


PMS2  
F02255



PMS3  
F02256

**perfectMARGIN**  
Veneers



PMV1  
F02021



PMV2  
F02022



PMV3  
F02023



PMV4  
F02024



PMV5  
F02025



PMV6  
F02026

# TECHNICAL SPECIFICATIONS

## NEWTRON BOOSTER



Handpiece - Not LED  
NEWTRON - F12281  
Handpiece Weight - 44g

Irrigation - Connects to the water supply via  
Quick-Connect  
Water Pressure - 1 to 5 bar

Device Weight - 1650g  
Overall Dimensions (mm) - 129 x 160 x 87

## NEWTRON P5 B<sup>o</sup>LED



Handpiece - LED  
NEWTRON Slim B.LED - F12905  
White LED Ring - F12915  
Blue LED Ring - F62201  
Handpiece Weight - 48g

Irrigation - Connects to the water supply via  
Quick-Connect  
Water Pressure - 1 to 5 bar

Device Weight - 1650g  
Overall Dimensions (mm) - 155 x 185 x 100

## NEWTRON P5XS B<sup>o</sup>LED



Handpiece - LED  
NEWTRON Slim B.LED - F12905  
White LED Ring - F12915  
Blue LED Ring - F62201  
Handpiece weight - 48g

Irrigation - 300ml tank (500 ml tank is optional)  
Irrigation flow rate - 5 - 40 ml/min

Device weight - 2100g  
Overall dimensions (mm) - 260 x 185 x 140

Equipment classification: .....NEWTRON: Class II - BF type / Others devices: Class I - BF type  
Supply voltage: .....NEWTRON: 100-240 VAC 47-63Hz / Others devices: 100-240 VAC 50/60Hz  
Ultrasonic frequency: .....28 kHz - 36 kHz  
Class of medical device: .....II a  
(according to 93/42/EEC directive)