



# MAKE THE SWITCH TO NEUTRON



# EVERY PATIENT, EVERY TIME.

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



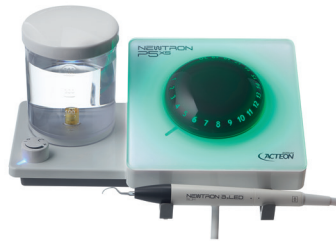
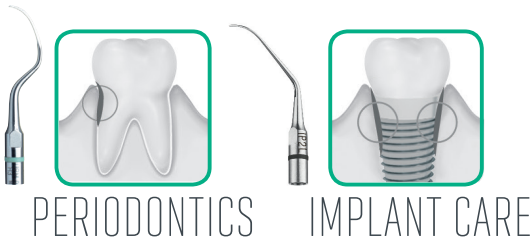
Gentle vibrations for pediatrics and sensitive patients



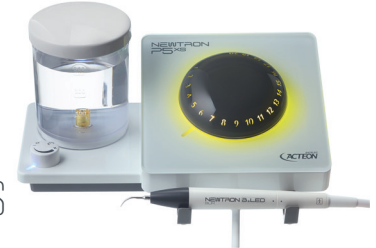
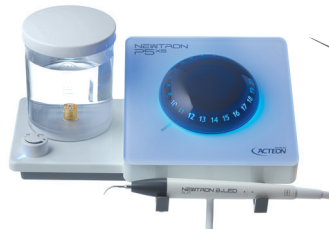
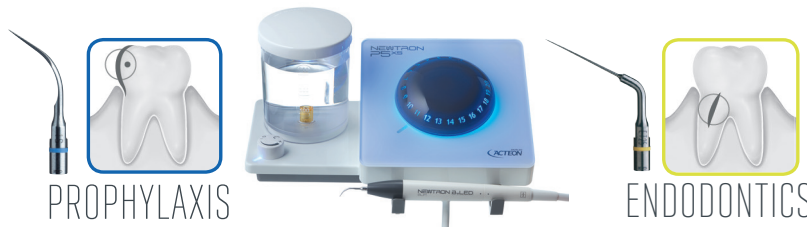
Less water for disabled or geriatric patients who cannot recline for treatment



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

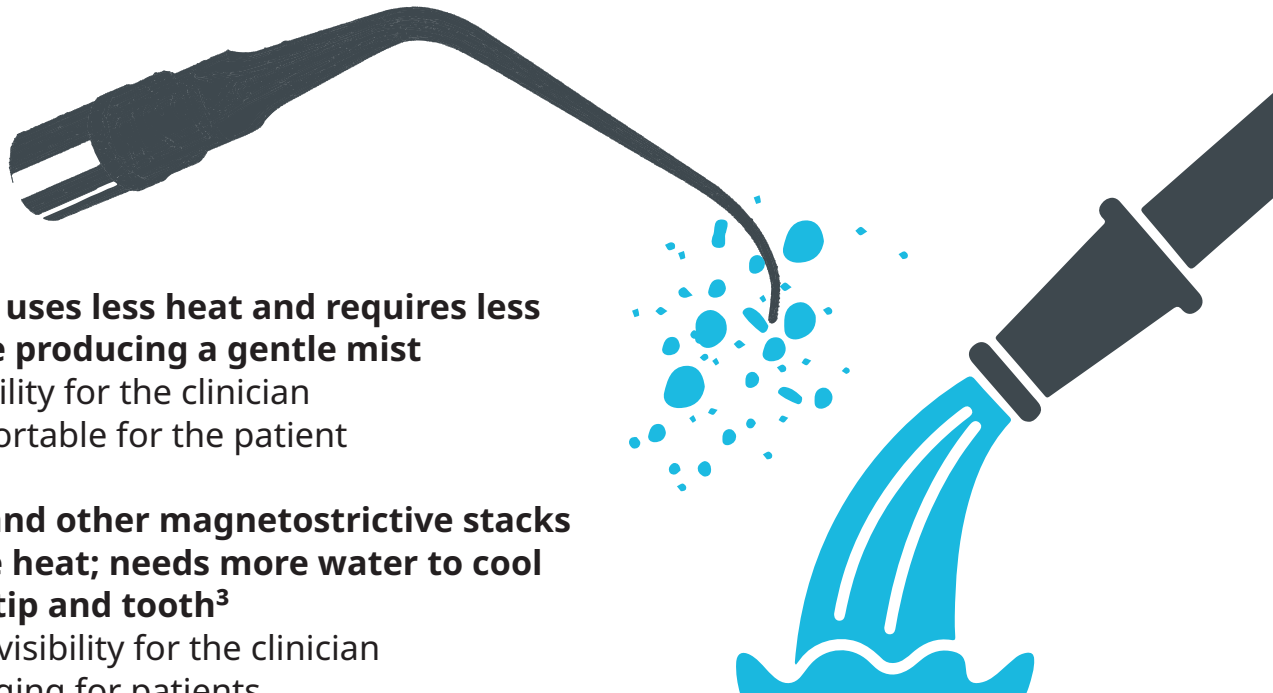
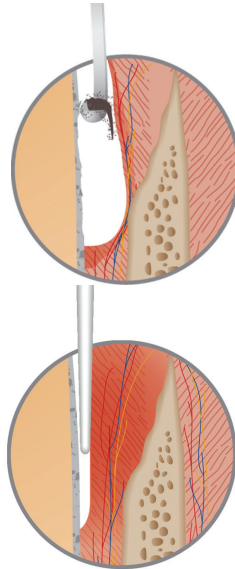
- Less hand fatigue
- More comfortable for the patient

## 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<sup>®</sup> uses less heat and requires less water, while producing a gentle mist

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

## Cavitron<sup>™</sup> 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

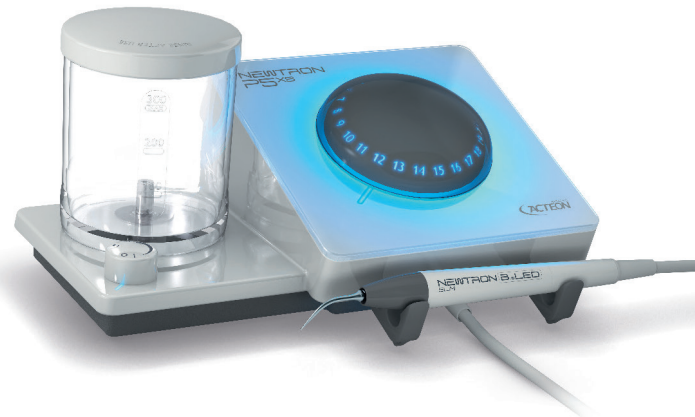


## **NEWTRON® P5 B.LED**

LED Handpiece  
Quick-water disconnect

## **NEWTRON® P5 XS B.LED**

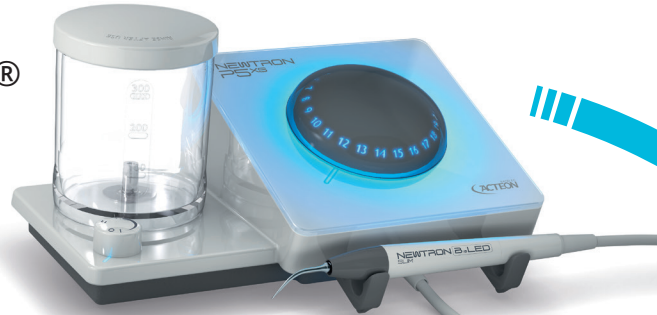
LED Handpiece  
Independent irrigation tank  
for any solution



"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

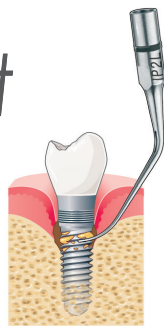
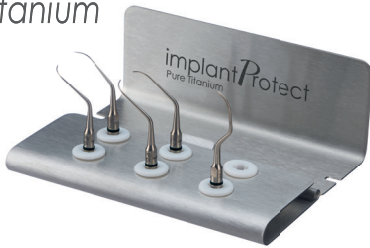
**NEWTRON<sup>®</sup>**



**NEWTRON**



**implantProtect**  
Pure Titanium



**AIR-N-GO**  
easy

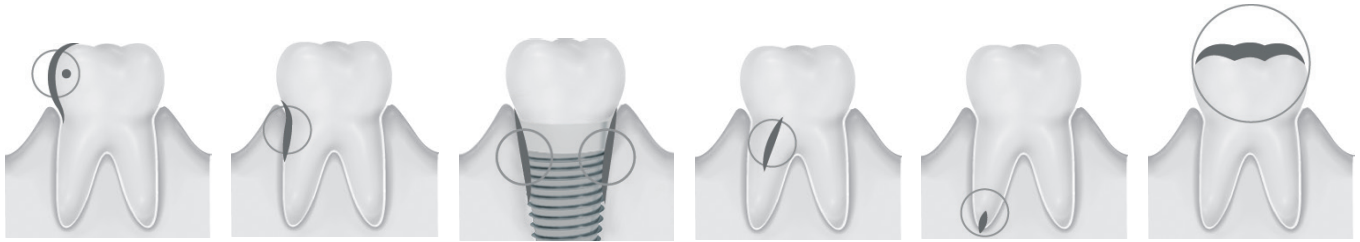
**IMPLANT PROTECT TIP KIT**

**AIR-N-GO<sup>®</sup> + PERIO EASY + EASY KIT**

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

Contact ACTEON for a Detailed Implant Maintenance Protocol

# NEWTRON TIPS



PROPHYLAXIS

PERIODONTICS

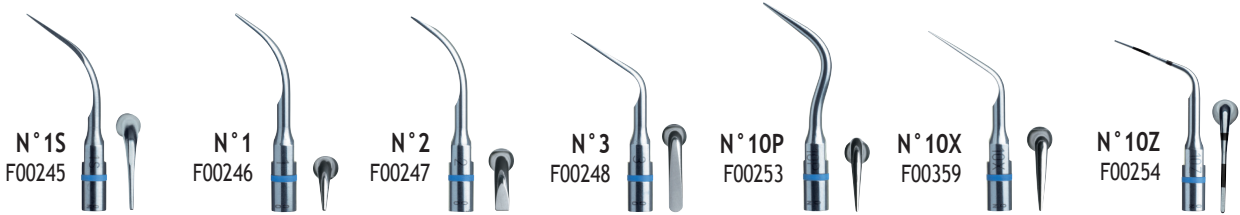
IMPLANT CARE

ENDODONTICS

SURGICAL  
ENDODONTICS

CONSERVATIVE  
& RESTORATIVE  
DENTISTRY

## scaling



## periodontics



## perioPrecision

## periomaintenance

BDR



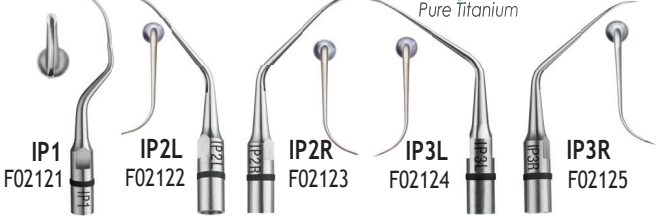
## perioSoft

(4 - Pack)

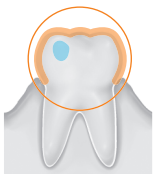


## implantProtect

Pure Titanium



## excavus



## ROUND TORQUE WRENCHES

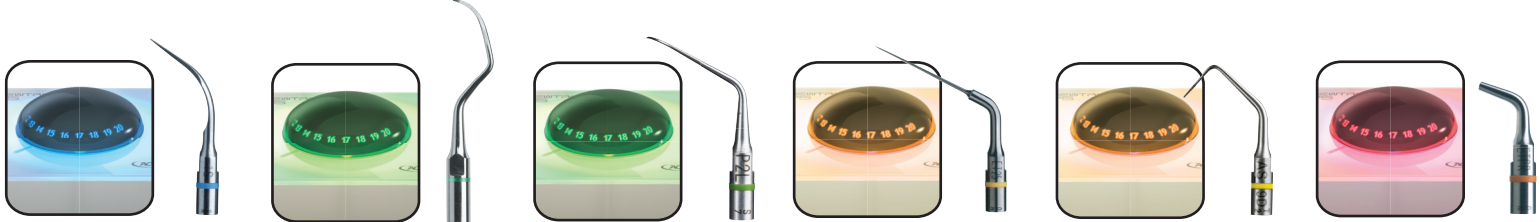


F81320

F81321

F81322

F81323



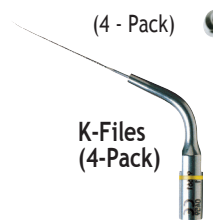
**Over 80 different tips, with exclusive and patented designs, alloys and coatings that won't damage the different surfaces treated**

## irrisafe



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

## endodontics



- (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

ET40  
F88012

ET40D  
F88014

## ENDOSUCCESS Retreatment



ET18D  
F88017

ETBD  
F88020

ET20  
F88011

ET25  
F88018

ET25S  
F88021

ET25L  
F88022

ETPR  
F88019

## ENDOSUCCESS Apical Surgery



AS3D  
F00065

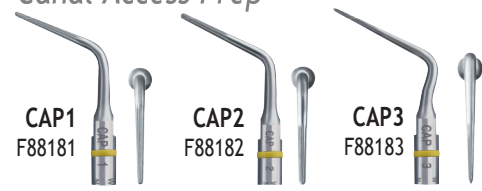
AS6D  
F00079

AS9D  
F00067

ASLD  
F00080

ASRD  
F00081

## ENDOSUCCESS Canal Access Prep

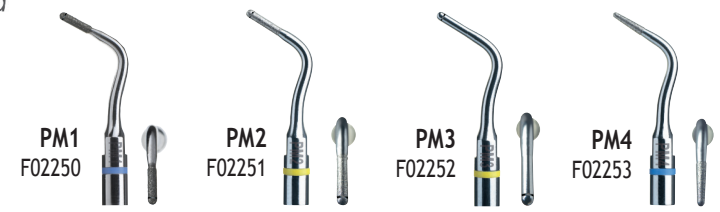
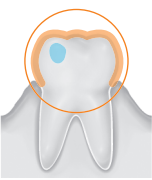


CAP1  
F88181

CAP2  
F88182

CAP3  
F88183

## PerfectMARGIN Rounded



PM1  
F02250

PM2  
F02251

PM3  
F02252

PM4  
F02253

## PerfectMARGIN Shoulder

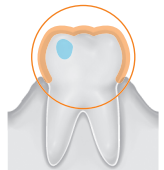


PMS1  
F02254

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@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@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)