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**Extremely
fast,
precise,
gentle**



piezomed

Why piezo technology?

Piezomed puts all the advantages of innovative ultrasound technology at the oral surgeon's fingertips: High-frequency micro-vibrations allow cutting with incredible precision. In addition, the cavitation effect ensures an almost blood-free surgical site during treatment.



Cooling right where it is needed

The supply of coolant through the instrument close to the operating point guarantees optimal cooling of the instrument and of the hard tissue to be processed.



Minimally invasive, maximally effective – Ultrasound technology in oral surgery

- › Automatic instrument detection
- › Three individual operating modes
- › Temporary 20% power increase due to boost function
- › Ideal illumination of the operating field thanks to LED ring illumination
- › Efficient cooling due to spray opening close to the instrument's working area
- › Handpiece with LED socket and cable, thermo washer disinfectable and sterilizable



Instruments for bone surgery

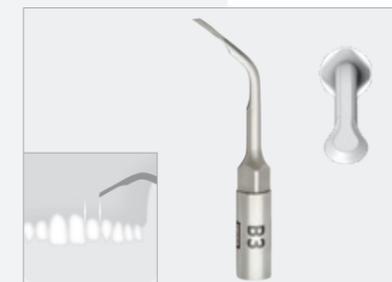
The fine saw tooth design – more teeth per instrument – sets new standards in the field of bone preparation.



B1
Fine-toothed instrument for fine cuts, with little bone loss when harvesting bone blocks.



B2R, B2L
Fine-toothed instrument for horizontal cuts with little bone loss in hard-to-reach areas. Right-curved and left-curved models available.



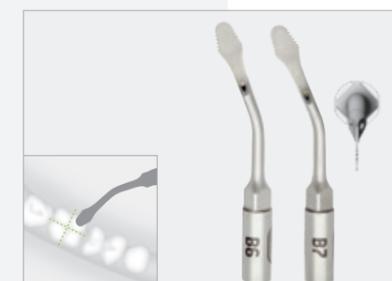
B3
Sharp instrument for modelling and contouring the bone surface, as well as for collecting bone chips.



B4
Sharp chisel for splitting the alveolar ridge.



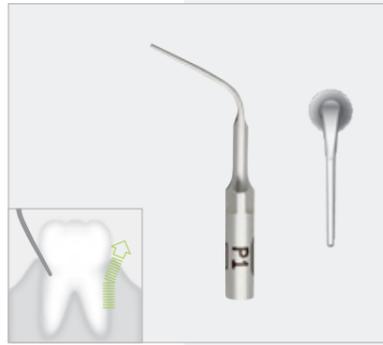
B5
Sharp scraper for collecting bone chips and detaching bone flaps.



B6, B7
Special saws for fine and deep cuts in record time. Also for separating tooth roots and for root-tip resections.

Instruments for periodontology and extraction

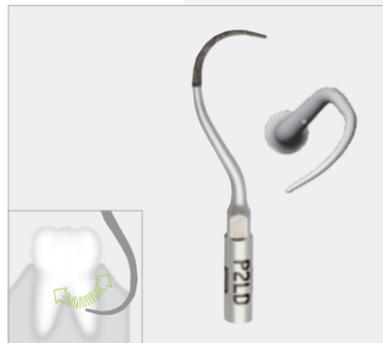
Instruments for thorough cleaning in periodontitis treatment and for atraumatic tooth extraction.



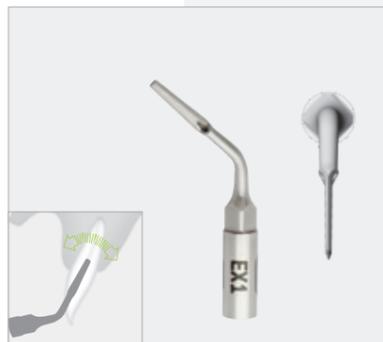
P1
For removing concretions in the subgingival region. Ideal for treatment of deep, periodontal pockets.



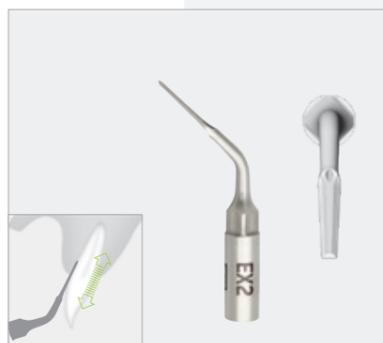
P2RD
Right-curved, diamond-coated tip for periodontal debridement. Especially suitable for open root planing.



P2LD
Left-curved, diamond-coated tip for periodontal debridement. Especially suitable for open root planing.



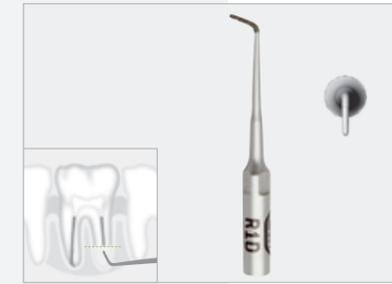
EX1
Instrument for atraumatic tooth extraction to preserve the alveolar bone.



EX2
Instrument for atraumatic tooth extraction to preserve the alveolar bone.

Instruments for retrograde endodontics

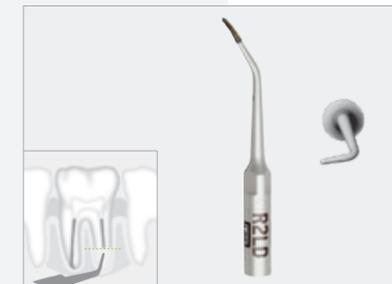
Diamond-coated, delicate instruments for easy access during retrograde root canal preparation.



R1D
Straight, diamond-coated instrument for retrograde root canal preparation.



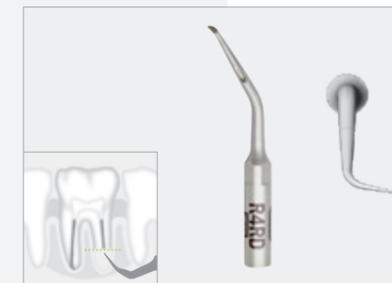
R2RD
Slightly right-curved, diamond-coated instrument for retrograde root canal preparation.



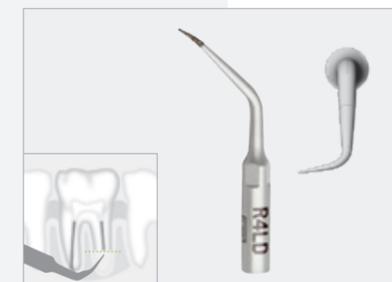
R2LD
Slightly left-curved, diamond-coated instrument for retrograde root canal preparation.



R3D
Angled, diamond-coated instrument for retrograde root canal preparation.



R4RD
Strongly right-curved, diamond-coated instrument for retrograde root canal preparation.



R4LD
Strongly left-curved, diamond-coated instrument for retrograde root canal preparation.

Instruments for lateral sinus lift

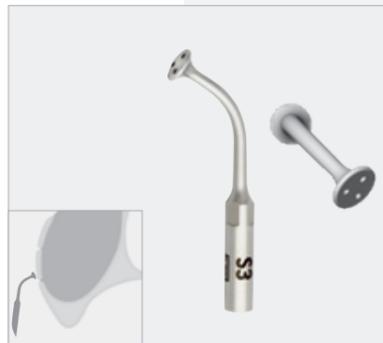
The instruments permit safe lateral preparation of the maxillary sinus wall and gentle mobilization of the Schneiderian membrane.



S1
Diamond-coated instrument for preparation of a bone flap for lateral sinus floor augmentation and for crown edge extensions.



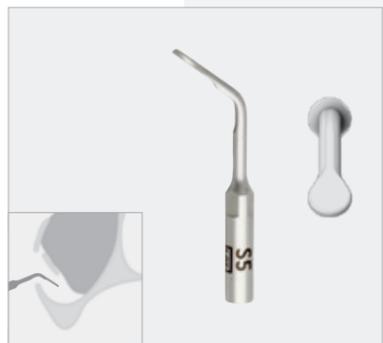
S2
Instrument with diamond-coated ball for preparation of a bone flap for lateral sinus floor augmentation and for crown edge extensions.



S3
Instrument for gentle detachment of the Schneiderian membrane from the bone. The coolant film protects the Schneiderian membrane by means of three coolant openings.



S4
Instrument with rounded edges for atraumatic detachment of the Schneiderian membrane.



S5
Instrument with rounded edges for atraumatic detachment of the Schneiderian membrane.

Preparation of the implant site and crestal sinus lift

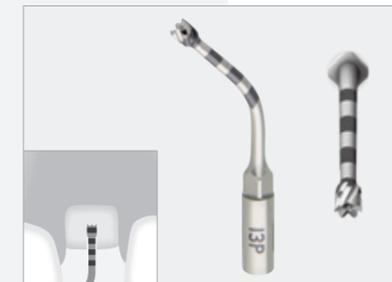
The preparation instruments are specially matched to the bone qualities predominant in the maxilla.



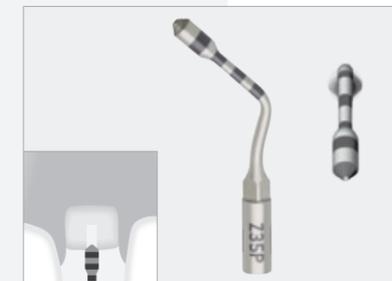
I1
Diamond-coated instrument with depth marks for pilot preparation with the correct axial alignment.



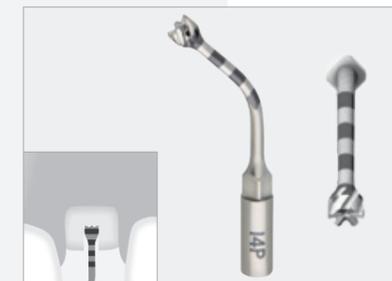
Z25P
Diamond-coated instrument for expansion of the pilot hole (up to a diameter of 2.5 mm) in the cortical area.



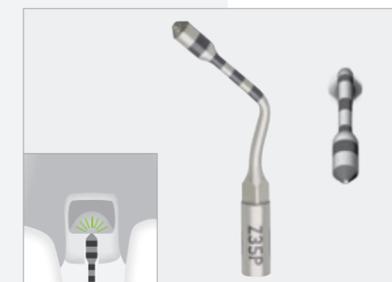
I2A, I2P, I3A, I3P
Instruments for gradual preparation of the implant bed (2 to 3 mm) up to the desired depth.
A = anterior region
P = posterior region



Z35P
Diamond-coated instrument for expansion of the pilot hole (up to a diameter of 3.5 mm) in the cortical area.



I4A, I4P
Instruments for preparation of the implant bed (4 mm) up to the desired depth.
A = anterior region
P = posterior region



Z25P, Z35P
An instrument which is diamondcoated on the front face with internal coolant supply for preparing the base of the sinus and for lifting the Schneiderian membrane using a cooling medium.

The W&H Piezomed instruments



»Bone«
B1, B2R, B2L, B3, B4, B5



Sinus »SPECIAL«
S1, S2, S3, S4, S5



»EX«
EX1, EX2



»Endo«
R1D, R2RD, R2LD, R3D, R4RD,
R4LD



»Paro«
P1, P2RD, P2LD



»Implant/Crestal P«
I1, I2P, I3P, I4P, Z25P, Z35P



»Implant/Crestal A«
I1, I2A, I3A, I4A, Z25P, Z35P

INSTRUMENT KITS



The W&H Piezomed instruments can be processed in an ultrasonic bath, thermo washer disinfected and sterilized, as can the instrument changer and the instrument tray.

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