

**NEW!**



## PIEZOSURGERY®

The original PIEZOSURGERY®  
introduces now the new  
implant site preparation

Implant site preparation with PIEZOSURGERY®,  
the revolutionary technique – precise and efficient

- less inflammatory cells compared to implant site preparation prepared with drills
- more active neo-osteogenesis
- better control of the preparation
- less power necessary



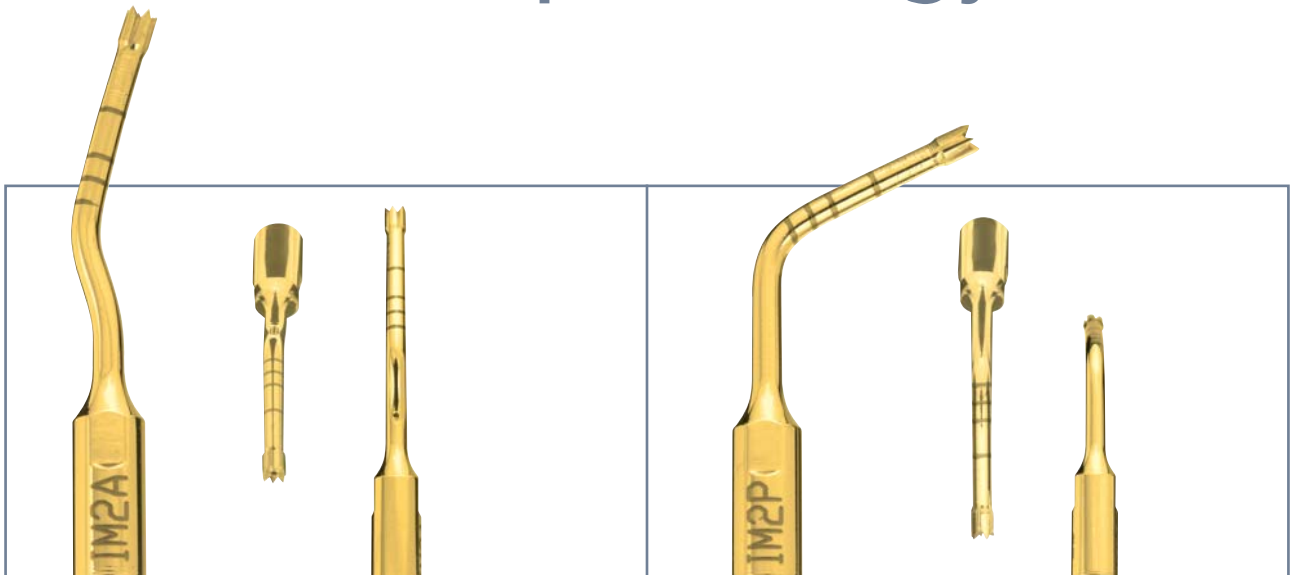
smile. we like it!

mectron

medical technology

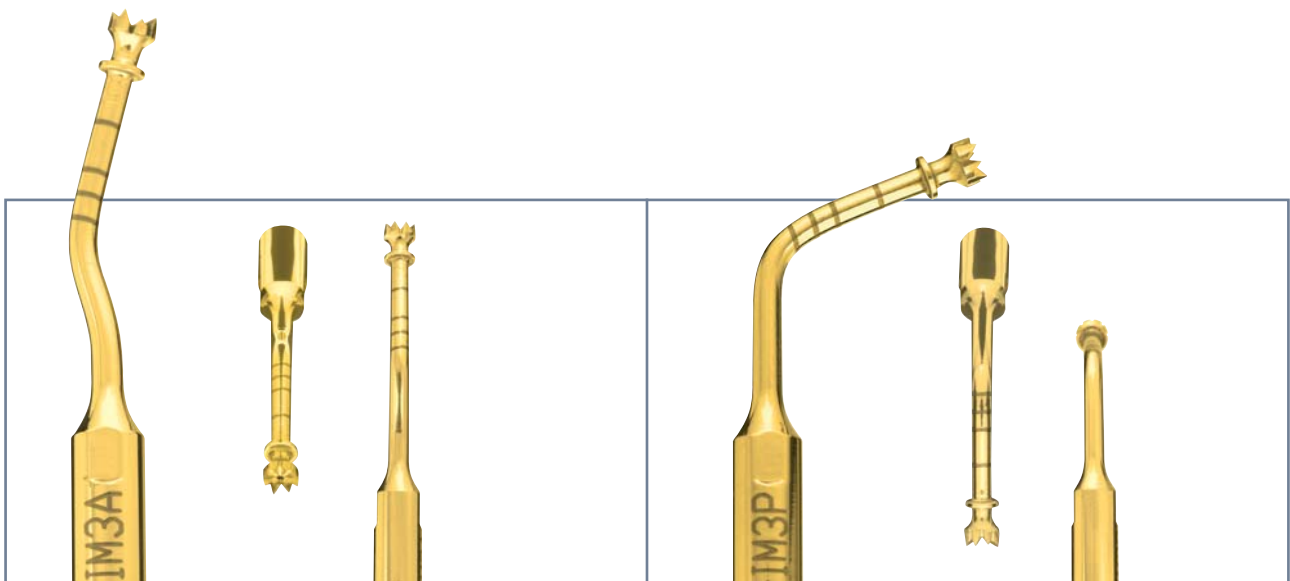
new application for  
**PIEZOSURGERY**

# the instruments for implantology



**Instrument IM2A**                      **Instrument IM2P**

2 mm Ø implant site preparation instrument

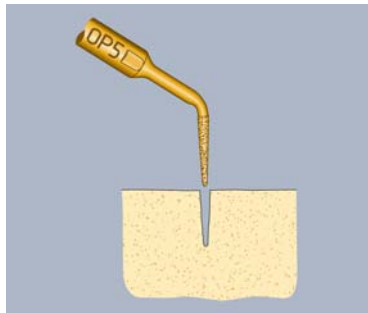


**Instrument IM3A**                      **Instrument IM3P**

3 mm Ø implant site preparation instrument with double irrigation to avoid overheating

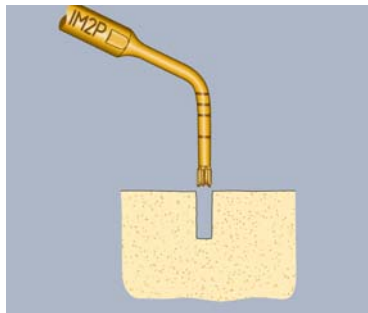
# step by step

1



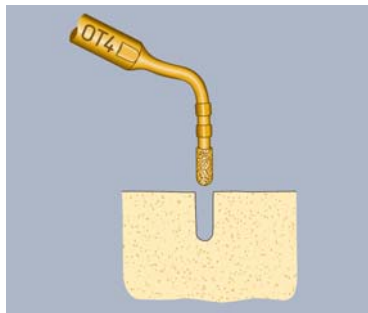
**OP5** CUTTING ACTION  
bone perforation  
CLINICAL APPLICATION  
initial pilot osteotomy  
(in the maxilla)  
POWER Bone 1

2



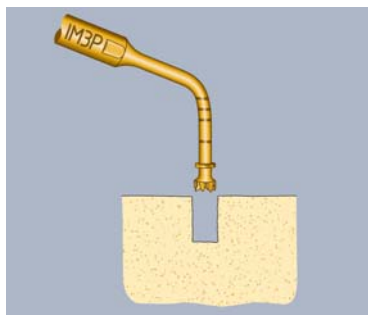
**IM2** CUTTING ACTION  
bone perforation  
CLINICAL APPLICATION  
pilot osteotomy in anterior or  
posterior region (in the maxilla)  
POWER Bone 1

3



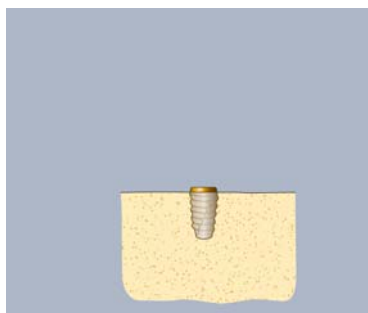
**OT4** CUTTING ACTION  
micrometric osteotomy  
(about 1 mm)  
CLINICAL APPLICATION  
to correct pilot osteotomy axis,  
to finalize the implant site pre-  
paration close to the alveolar  
nerve; sinus crestal approach  
technique (in the maxilla)  
POWER Bone 1

4



**IM3** CUTTING ACTION  
to enlarge the pilot osteotomy  
CLINICAL APPLICATION  
to finalize the implant site  
preparation (in the maxilla)  
POWER Bone 1

5



IMPLANT SETTING

# PIEZOSURGERY®

**the original**

– 6 years of successful  
daily use with thousands  
of surgeons world-wide!

The original technology  
has defined a new dimension  
in bone surgery

Thanks to the controlled three-dimensional ultrasound vibrations, the original PIEZOSURGERY® technique opens up a new age for osteotomy, osteoplasty and extraction in Implantology, Periodontology, Endodontics and Surgical Orthodontics.

- Micrometric cuts maximum surgical precision and intra-operative sensitivity
- Selective cuts minimal damage to soft tissue, maximum safety for you and your patients
- Cavitation effect maximum intra-operative visibility and a blood-free surgical site



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