



PRODUCT CATALOGUE



PIEZOSURGERY® *touch*

The future of bone surgery? Get in touch.



PIEZOSURGERY® *touch*

Equipment set:

- 1 PIEZOSURGERY® *touch* unit
- 1 LED-handpiece, complete with cord
- 1 kit of 8 tubes for pump
- 1 torque wrench K8
- 1 foot pedal
- power cord and suitcase

Ref. no.

05120061



→ TECHNICAL DATA

sizes (l x w x h in mm):

300 x 250 x 95 mm

weight:

3.2 kg

operating frequency:

24.000 – 36.000 Hz

power types:

6 functions

IMPLANT

CORTICAL

CANCELLOUS

SPECIAL

PERIO

ENDO

peristaltic pump capacity:

adjustable on the touch screen:

ENDO / PERIO - 7 levels: from 0 to 6

(from 0 to approximately 75 ml/min)

SPECIAL / CANCELLOUS / CORTICAL /

IMPLANT - 6 capacity levels: from 1 to 6

(from 8 to approximately 75 ml/min)

power supply voltage:

digital 100-240 VAC, 50/60 Hz

max. power absorbed: 120 VA

warranty:

2 years, handpiece 1 year

PIEZOSURGERY® *white*

Equipment set:

1 PIEZOSURGERY® *white* unit

1 kit of 8 tubes for pump

1 torque wrench K8

1 foot pedal

power cord and suitcase
(handpiece and inserts not included)

Ref. no. 05120063

LED-HANDPIECE COMPLETE

WITH CORD AND TRAY

- swivel-type LED light can be directed at the insert edge
- handpiece and handpiece cord (including the irrigation line) are fully sterilizable all at once

Ref. no. 03120134



HANDPIECE COMPLETE

WITH CORD AND TRAY

handpiece and handpiece cord (including the irrigation line) are fully sterilizable all at once

Ref. no. 03120217



...> **PIEZOSURGERY® *white***
Get started in bone surgery!





→ TECHNICAL DATA

sizes (l x w x h in mm):

300 x 250 x 95 mm

weight:

3.2 kg

operating frequency:

24.000 – 36.000 Hz

power types:

6 functions

IMPLANT

CORTICAL

CANCELLOUS

SPECIAL

PERIO

ENDO

peristaltic pump capacity:

adjustable on the touch screen:

ENDO / PERIO - 7 levels: from 0 to 6

(from 0 to approximately 75 ml/min)

SPECIAL / CANCELLOUS / CORTICAL /

IMPLANT - 6 capacity levels: from 1 to 6

(from 8 to approximately 75 ml/min)

power supply voltage:

digital 100-240 VAC, 50/60 Hz

max. power absorbed: 120 VA

warranty:

2 years, handpiece 1 year

ENZYMEC is intended for use in cleaning of dental and general surgical instruments, and can be used during pre-cleaning in automatic equipments, ultrasonic cleaners and washer disinfectors according to the instructions and recommendations of the equipment manufacturer.

→ ENZYMEC

Product	Ref. no.
Enzymec bottle (1 liter)	03900001
Enzymec 4-bottle pack (4 liters)	03900002

→ ENZYMEC

Enzymatic detergent

- enzymatic solution for efficient removal of organic residues
- specifically dedicated to the “clean” function of all PIEZOSURGERY® devices
- with practical dosage cap



→ UNIVERSAL CART

For daily use

universal cart – maximum mobility for all your table-top devices. All supply lines are hidden in the easily accessible cable room. The power supply is brought at the tray's height, for an easy connection to your devices.



→ SIZES:

total (l x w x h in mm):

480 x 460 x 850 mm

upper tray:

480 x 370 in 770 mm height

middle tray:

420 x 310 in 440 mm height

lower tray:

480 x 370 in 65 mm height

weight:

29 kg

→ UNIVERSAL CART

Product

universal cart

universal cart with

water & air connections

Ref. no.

03540011

03540012



surgical tray



torque wrench K8



irrigation set



PIEZOSURGERY® insert box

SPARE PARTS

High quality spare parts for professionals



DPS adaptor



PIEZOSURGERY®
insert adaptor

ADAPTORS FOR THERMODISINFECTION

Product

Ref. no.

DPS Adaptor (for PIEZOSURGERY® dental irrigation line) *

04610006

spare filter for DPS Adaptor *

4590006

PIEZOSURGERY® insert Adaptor *

04610010

PIEZOSURGERY® COMMON SPARE PARTS

surgical tray

04610004

torque wrench K8

02900109

irrigation set (50 pieces)

03230006

PIEZOSURGERY® insert box

02900111

insert tray

02900037

insert box with bone expander tray

02900107

insert box with implant insert tray

02900108

bag support rod

01380002

* not disposable

PIEZOSURGERY® *touch* AND PIEZOSURGERY® *white*

Product

LED-handpiece complete with cord (PS *touch* and PS *white*)

PIEZOSURGERY® *white* handpiece complete with cord

handpiece LED-cone

handpiece metal cone

handpiece holder

O-ring set for handpiece holder

mobile handpiece holder

kit of 8 tubes for pump

bone grafting kit (liquid flow rate reducer, equipped with 8 silicone tubes and 1 tube-tube connector)

protection foils

(pack of 10 pcs. - each in a single sterile packaging)

footswitch (PS *touch*)

footswitch (PS *white*)

PIEZOSURGERY® *touch* and *white* suitcase

Ref. no.

03120134

03120217

03020158

03020171

02900105

03020160

03110015

02900104

02900106

03230012

02900102

02900114

04440006

PIEZOSURGERY® I + II + 3

handpiece complete with cord

handpiece holder (PSII + 3)

kit of 8 tubes for pump (PSI)

kit of 8 tubes for pump (PSII + 3,

for handpiece cords with metal connector)

kit of 8 tubes for pump (PSII + 3,

for handpiece cords with plastic connector)

peristaltic pump rolling (PSII + 3)

tube-tube connector

footswitch (PSI + II)

footswitch (PS3)

PIEZOSURGERY® 3 suitcase

03120023

02900040

02900022

02900039

02900104

03210006

00680027

02900020

02900078

04440007

kit of 8 tubes for pump

protection foils

tube-tube
connector

LED-handpiece

mobile
handpiece
holder

handpiece complete
with cord

..... INSERT KITS

Set of inserts for different applications



→ BASIC KIT



→ OSTEOTOMY KIT



→ INSERT KITS

Product	Ref. no.
basic kit equipped with inserts OT2, OT7, OP1, OP3 and EX1 description of the single inserts can be found on page 29, 30, 33 and 37	01520001
osteotomy kit equipped with inserts OT7, OT7S-4, OT7S-3, OT8R and OT8L description of the single inserts can be found on page 30	01520010

→ INSERT KITS

Product

Ref. no.

sinus lift lateral kit*

01520023

equipped with inserts

SLC, SLO-H, SLS, SLE1 and SLE2

description of the single inserts can
be found on page 31, 34 and 35

piezo lift kit

01520024

equipped with inserts

PL1, PL2 and PL3

description of the single inserts can
be found on page 32

* developed in collaboration with Prof. Tomaso Vercellotti
and Dr. Philippe Russe

→ SINUS LIFT LATERAL KIT



→ PIEZO LIFT KIT



→ SINUS LIFT KIT



→ IMPLANT PREP KIT



→ INSERT KITS

Product

Ref. no.

sinus lift kit

01520002

equipped with inserts
OT1, OT5, EL1, EL2 and EL3
description of the single inserts can
be found on page 29 and 35

implant prep kit

01520008

equipped with inserts
IM1S, IM2A, IM2P, IM3A, IM3P, OT4
description of the single inserts can
be found on page 25, 26, 27 and 29

→ INSERT KITS

Product

Ref. no.

implant prep kit pro

01520011

equipped with inserts

IM1S, IM2A, IM2P, IM3A, IM3P, OT4, IM4A, IM4P, P2-3, P3-4, 3 PINS IM1S, 3 PINS 2-2,4

description of the single inserts can be found on page 25, 26, 27 and 29

implant prep kit starter

01520017

equipped with inserts

IM1S, IM2P, IM3P, P2-3, OT4

description of the single inserts can be found on page 25, 26, 27 and 29

→ IMPLANT PREP KIT PRO



→ IMPLANT PREP KIT STARTER



→ MINI IMPLANT PREP KIT



→ EXTRACTION KIT



→ INSERT KITS

Product

Ref. no.

mini implant prep kit

01520016

equipped with inserts
IM1S, MDI 1.9, MDI 2.2, MDI 2.5
description of the single inserts can
be found on page 25 and 28

extraction kit

01520003

equipped with inserts
EX1, EX2, EX3, PS2 and PS6
description of the single inserts can
be found on page 37 and 38

→ INSERT KITS

Product

Ref. no.

explantation kit

01520021

equipped with inserts
EXP3-R, EXP3-L, EXP4-R, EXP4-L
description of the single inserts can
be found on page 37

periodontal kit

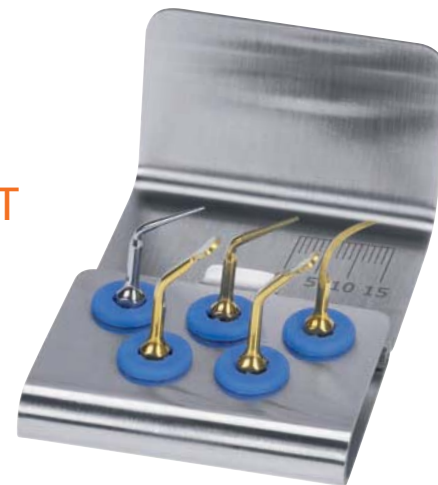
01520004

equipped with inserts
PS2, OP5, PP1, OP3 and OP3A
description of the single inserts can
be found on page 33 and 38

→ EXPLANATION KIT



→ PERIODONTAL KIT



→ RESECTIVE PERIO KIT



→ RETRO SURGICAL KIT



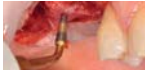
→ INSERT KITS

Product	Ref. no.
resective perio kit *	01520022
equipped with inserts OT13, OT14, OP5A, OP8** and OP9 description of the single inserts can be found on page 31, 33 and 34	
retro surgical kit	01520005
equipped with inserts OP7, EN1, EN3, EN5R, EN5L description of the single inserts can be found on page 34 and 36	

* developed in collaboration with Professor Trombelli from the University of Ferrara

** only available for PIEZOSURGERY® 3, PIEZOSURGERY® touch and PIEZOSURGERY white

→ SINUS LIFT
CRESTAL APPROACH



→ SINUS LIFT
LATERAL APPROACH



→ IMPLANT SITE
PREPARATION



→ MINI DENTAL IMPLANT
SITE PREPARATION



→ RIDGE EXPANSION



→ PERIOSTEUM
PREPARATION



→ INDICATIONS

Surgical choice: all

→ PIEZO-LIFT

→ PL1 → PL2 → PL3

→ SINUS PHYSIOLIFT

→ IM1 SP → IM2 SP → P2-3 SP → OT9 → CS1 → CS2 → PIN IM1 → PIN 2-2.4 → PROBE SP

→ STANDARD

→ OPTIONAL

→ SLC → SLO-H → SLS → SLE1 → SLE2 → OP3 → OT1 → OT1A → OT5 → OT5A → OT5B → EL1 → EL2 → EL3

→ STANDARD

→ IM1S → IM2A → IM3A → IM4A → IM2P → IM3P → IM4P → OT4 → P2-3 → P3-4

→ OPTIONAL

→ IM1 AL → IM2A-15 → IM2.8A → IM3A-15 → IM3.4A → IM2P-15 → IM2.8P → IM3P-15 → IM3.4P

→ STANDARD

→ IM1S → MDI 1.9 → MDI 2.2 → MDI 2.5

→ STANDARD

→ OPTIONAL

→ OT7 → OT4 → OP5 → OT2 → OT7A → OT7S-4 → OT7S-3 → OT12 → OT12S → OT7-20

→ STANDARD

→ PR1 → PR2

→ STANDARD

→ EX1 → EX2 → EX3 → PS2

→ STANDARD

→ EXP3-R → EXP3-L → EXP4-R → EXP4-L

→ STANDARD

→ OPTIONAL

→ OT7 → OP5 → OT8R → OT8L → OT6 → OT7A → OT7S-4 → OT7S-3 → OT12 → OT12S → OT7-20

→ STANDARD → OPTIONAL

→ OP3 → OP1 → OP2 → OP3A

→ STANDARD

→ OPTIONAL

→ OP7 → PS2 → EN1 → EN2 → EN3 → EN4 → EN5R → EN5L → EN6R → EN6L → OP3

→ STANDARD

→ OT1 → OT5

→ STANDARD → OPTIONAL

→ OT7S-4 → OT7S-3 → OT7 → OT7A

→ STANDARD

→ OP5A → OP8* → OP9 → OT13 → OT14 → OP5 → OP3 → PS2 → PP1 → ICP + IC1

→ OPTIONAL

→ PS1 → PS6 → PP10 → PP11 → PP12 → OP2 → OP3A → OP4 → OP6 → OP6A

→ STANDARD

→ DB2 → CROWN PREP TIPS

* only available for PIEZOSURGERY® 3, PIEZOSURGERY® touch
and PIEZOSURGERY white



→ EXTRACTIONS



→ EXPLANTATION



→ BONE BLOCK GRAFTING

→ BONE CHIP GRAFTING/
BONE MODELING

→ ENDODONTICS

→ OSTEOTOMY
CLOSE TO NERVES→ CORTICOTOMY
TECHNIQUE→ PERIODONTAL SURGERY
AND IMPLANT CLEANING

→ PROSTHETICS

→ TRAYS

Do you like boxing? Don't miss them then.

→ PIEZOSURGERY® INSERT BOX

- fully autoclavable
- perfect storage of all PIEZOSURGERY® inserts
- light, easy to use, compact and roomy

Ref. no. 02900111

→ INSERT TRAY

- stainless steel tray with depth markings
- for storage

Ref. no. 02900037



PIEZOSURGERY® insert box

→ INSERTS

For every clinical needs, the proper insert.

→ IMPLANT PREP



IM1S



PIN IM1S



PIN 2-2.4



PIN 2-3



IM1-AL



PIN IM1-AL



PIN 2-2.4-AL



PIN 2-3-AL

→ IMPLANT PREP INSERTS

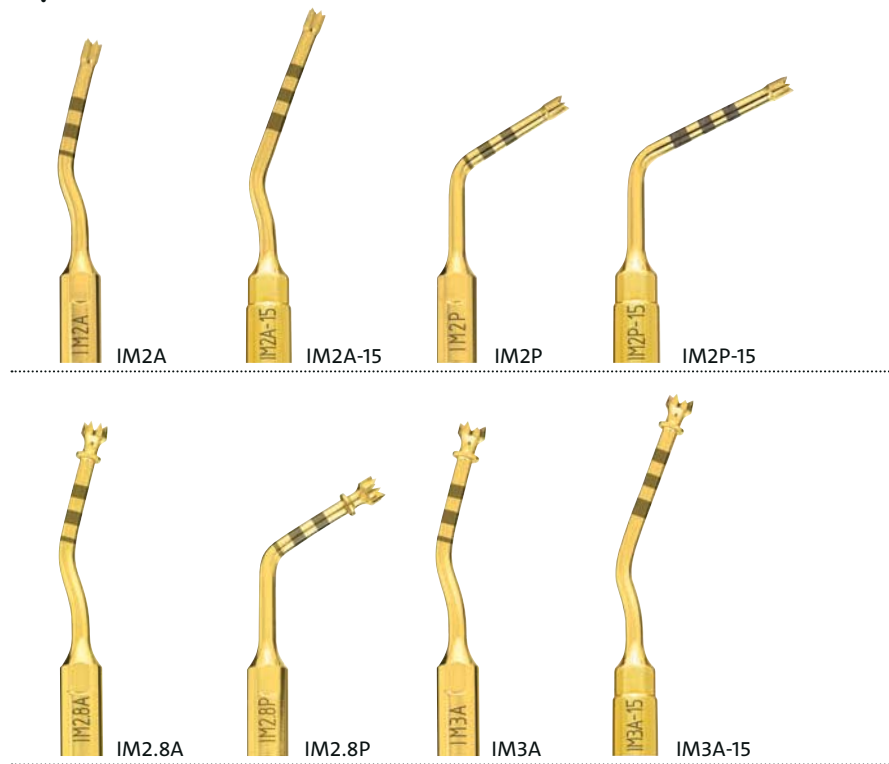
Product	Ref. no.
insert IM1S initial pilot osteotomy diamond grain size 30 µm	03510019
PIN IM1S	03740007
PIN 2-2.4	03740003
PIN 2-3 alignment pins, dedicated to IM1S, IM2 (Ø 2), IM3 (Ø 3), OT4 (Ø 2.4) , IM1 SP	03740001
insert IM1 AL initial pilot osteotomy diamond grain size 30 µm	03510010
PIN IM1 AL	03740004
PIN 2-2.4 AL	03740005
PIN 2-3 AL 30 mm alignment pins, for extraction sites dedicated to M1 AL, IM2A (Ø 2), OT4 (Ø 2.4), IM3A (Ø 3)	03740006

→ IMPLANT PREP INSERTS

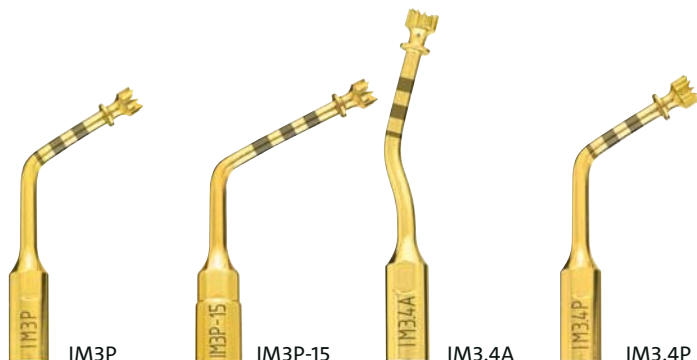
Product	Ref. no.
insert IM2A	03510001
insert IM2A-15	03510015
insert IM2P	03510002
insert IM2P-15	03510016
pilot osteotomy in anterior and posterior region	
insert IM2.8A	03510025
insert IM2.8P	03510026
insert IM3A	03510003
insert IM3A-15	03510017

to enlarge or to finalize the implant site preparation;
insert with double irrigation to avoid overheating

→ IMPLANT PREP



→ IMPLANT PREP



IM3P

IM3P-15

IM3.4A

IM3.4P



IM4A

IM4P

P2-3

P3-4

→ IMPLANT PREP INSERTS

Product	Ref. no.
insert IM3P	03510004
insert IM3P-15	03510018
insert IM3.4A	03510027
insert IM3.4P	03510028
to enlarge or to finalize the implant site preparation; insert with double irrigation to avoid overheating	
insert IM4A	03510005
insert IM4P	03510006
to finalize the implant site preparation; insert with double irrigation to avoid overheating	
insert P2-3	03510020
insert P3-4	03510021
to optimize concentricity of implant site preparation between Ø 2 and Ø 3 mm diamond grain size 150 µm	

➔ MINI DENTAL IMPLANT



➔ MINI DENTAL IMPLANT INSERTS

Product	Ref. no.
insert MDI 1.9	03510012
insert MDI 2.2	03510013
insert MDI 2.5	03510014
osteotomy technique for mini implants site preparation	

→ OSTEOTOMY



→ OSTEOTOMY INSERTS

Product	Ref. no.
insert OT1	03370001
insert OT1A	03370008

to finalize the osteotomy in proximity of soft tissues
(for example: sinus membrane, vessel, alveolar nerve)
OT1 diamond grain size 91 µm
OT1A diamond grain size 126 µm

insert OT2	03370002
osteotome of great precision in anatomically thin structures (for example, ridge expansion, interdental corticotomies, non traumatic nasal spine)	

insert OT3	03370003
mandibular corticotomy, block harvesting, fragmenta osteotomy	

insert OT4	03370004
to correct pilot osteotomy axis, to finalize the implant site preparation close to the alveolar nerve; sinus crestal approach technique diamond grain size 151 µm	

insert OT5	03370005
insert OT5A	03370009
insert OT5B	03370010

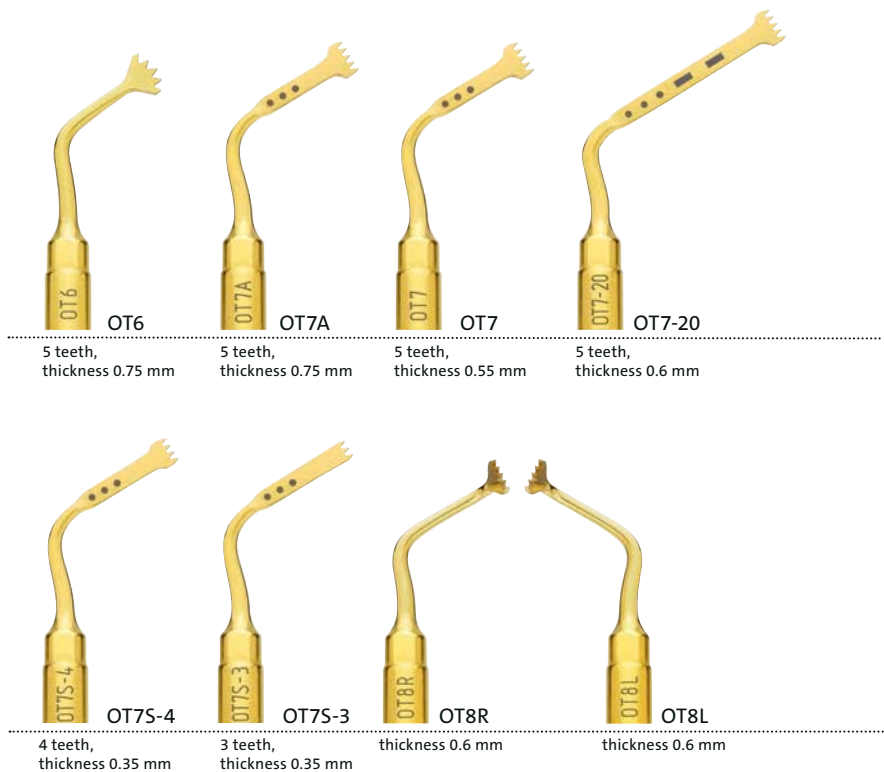
non-traumatic, to finalize the osteotomy or osteoplasty on thin bone and/or near delicate anatomic structures
OT5 Ø 1,7 - diamond grain size 91 µm
OT5A Ø 1,9 - diamond grain size 91 µm
OT5B Ø 1,7 - diamond grain size 126 µm

OSTEOTOMY INSERTS

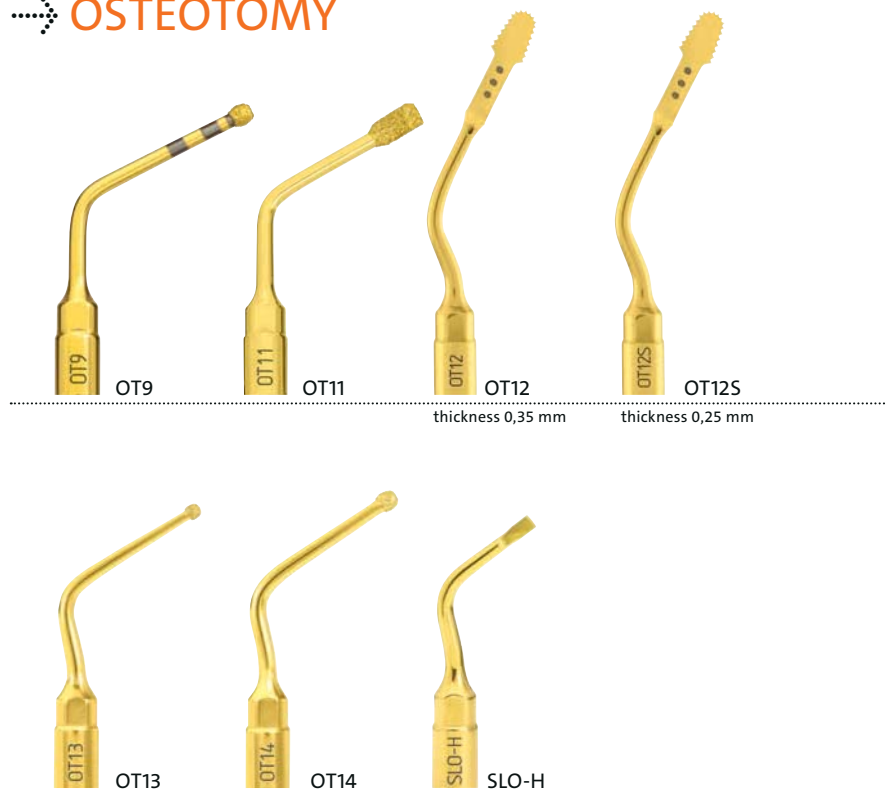
Product	Ref. no.
insert OT6	03370006
osteotomy of large bone sections during maxillofacial surgery	
insert OT7	03370007
insert OT7A	03370011
all the osteotomy technique in maxilla and mandible	
– ridge expansion	
– corticotomy technique	
– bone block grafting	
Set OT7-20	02900103
(consists of insert OT7-20 and torque wrench K8)	
insert OT7-20*	03370017
ridge expansion technique, bone block grafting (from chin/mandible ramus), Le Fort I osteotomy, bilateral sagittal split osteotomy	
insert OT7S-4	03370014
insert OT7S-3	03370015
very thin osteotomy, corticotomy for orthodontic microsurgery technique, root separation in dental extraction technique and periodontal surgery	
insert OT8R	03370012
insert OT8L	03370013
all the osteotomy technique in maxilla and mandible	
– bone block grafting	

* tighten up this insert only with torque wrench K8

OSTEOTOMY



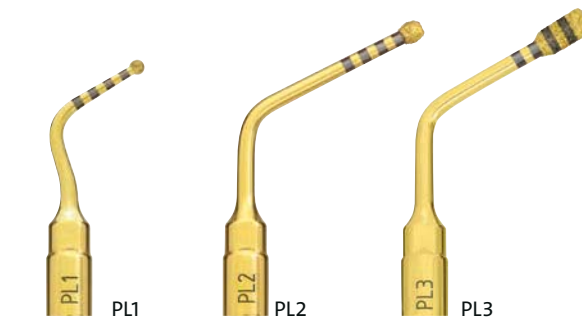
→ OSTEOTOMY



→ OSTEOTOMY INSERTS

Product	Ref. no.
insert OT9	03370016
to finalize the osteotomy or osteoplasty near delicate anatomic structures; removal of the sinus basal cortex in Sinus Physiolift® procedure; insert with double irrigation to avoid overheating	
insert OT11	03370019
removal of the sinus basal cortex and elevation of the sinus membrane during crestal sinus lift procedures	
insert OT12	03370020
insert OT12S	03370021
dedicated to the osteotomy techniques where the standard piezoelectric bone saws may have a difficult surgical approach	
insert OT13	03370022
insert OT14	03370023
non-traumatic bone defect preparation on buccal and/or palatal cortical plates in resective periodontal surgery OT13 Ø 1.7 - diamond grain size 150 µm OT14 Ø 2.3 - diamond grain size 150 µm	
insert SLO-H	03370025
bone window antrostomy in sinus lift procedure by vestibular approach	

→ OSTEOTOMY



→ OSTEOTOMY INSERTS

Product

Ref. no.

insert PL1

03370026

sinus floor reaching and safe bony ring removal during crestal sinus lift procedure (PIEZO-LIFT)

insert PL2

03370027

sinus floor consumption and initial membrane elevation during crestal sinus lift procedure (PIEZO-LIFT)

insert PL3

03370028

removal of the sinus basal cortex and elevation of the sinus membrane during crestal sinus lift procedure (PIEZO-LIFT)

→ OSTEOPLASTY



OP1



OP2



OP3



OP3A



OP4



OP5



OP5A



OP6



OP6A

→ OSTEOPLASTY INSERTS

Product	Ref. no.
insert OP1 bone remodelling and harvesting of bone chips	03380001
insert OP2 bone osteotomy, remodelling and removal of inflammatory tissue	03380002
insert OP3 insert OP3A periodontal osteotomy, crown lengthening, bone chips harvesting, inflammatory tissue removal (cyst, etc.)	03380003 03380011
insert OP4 interproximal osteoplasty and root planing diamond grain size 126 µm	03380004
insert OP5 insert OP5A root debridement and root planing during resective and regenerative periodontal surgery OP5 diamond grain size 30 µm OP5A diamond grain size 90 µm	03380005 03380012
insert OP6 insert OP6A root preparation in periodontal surgery OP6 diamond grain size 126 µm OP6A diamond grain size 30 µm	03380006 03380010

OSTEOPLASTY INSERTS

Product Ref. no.

insert OP7 03380007

peri-apical maxillary bone osteotomy access,
inflammatory tissue removal

insert OP8* 03380008

insert OP9 03380009

Interproximal osteoplasty without damaging
adjacent root surfaces

OP8* cutting edge from 0.7 - 1.3 mm

OP9 cutting edge from 1 - 2 mm

insert SLC 03380013

bone consuming during lateral sinus lift procedures

* only available for PIEZOSURGERY® 3, PIEZOSURGERY® *touch*
and PIEZOSURGERY *white*

OSTEOPLASTY



→ ELEVATION



→ PERIOSTEUM



→ ELEVATION INSERTS

Product	Ref. no.
insert EL1	03390001
separation of the sinus membrane, 2 mm around the frame of bony window	
insert EL2	03390002
insert EL3	03390003
separation of the sinus membrane in internal zones	
insert SLS	03390006
separation of the sinus membrane during lateral sinus lift procedures	
insert SLE1	03390007
elevation of the sinus membrane from the sinus floor	
insert SLE2	03390008
elevation of the sinus membrane from the palatal sinus wall	

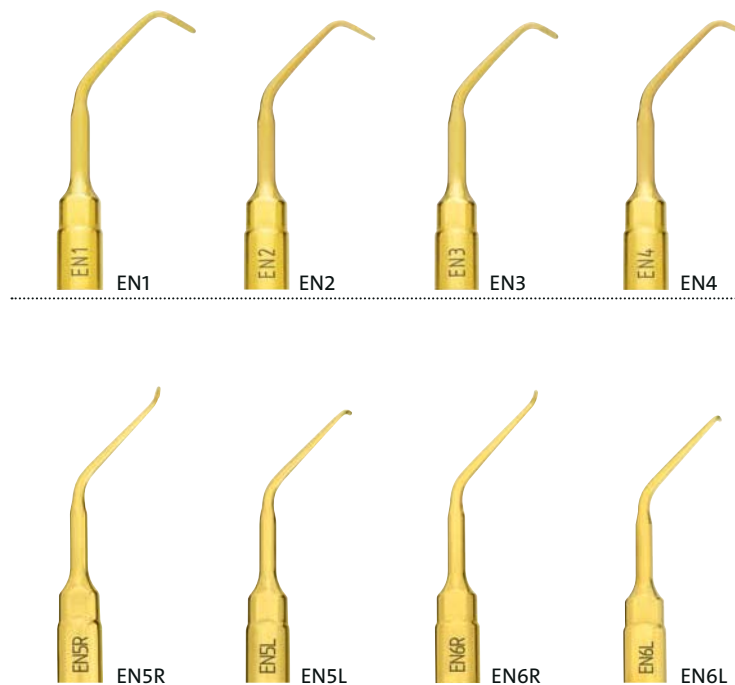
→ PERIOSTEUM INSERTS

insert PR1	03390004
insert PR2	03390005
subperiosteal preparation	

ENDO RETRO INSERTS

Product	Ref. no.
insert EN1	02170001
diamond-coated endo apical debrider 3 mm, apical root debridement diamond grain size 30 µm	
insert EN2	02170002
smooth endo apical debrider 3 mm, gentle apical root debridement	
insert EN3	02170005
diamond-coated endo apical debrider 2.2 mm, apical root debridement diamond grain size 30 µm	
insert EN4	02170006
smooth endo apical debrider 2.2 mm, gentle apical root debridement	
insert EN5R	02170007
insert EN5L	02170008
right and left angled, diamond-coated endo apical debrider 2.2 mm, apical root debridement diamond grain size 30 µm	
insert EN6R	02170009
insert EN6L	02170010
right and left angled, smooth endo apical debrider 2.2 mm, apical root debridement	

ENDO RETRO



→ EXTRACTION



EX1



EX2



EX3

→ EXPLANTATION



EXP3-R



EXP3-L



EXP4-R



EXP4-L

→ EXTRACTION INSERTS

Product	Ref. no.
insert EX1	03400001
to cut off the ankylosis, root fraction techniques	
insert EX2	03400002
analogue to EX1 in the posterior regions	
insert EX3	03400003
analogue to EX1 in the posterior regions	

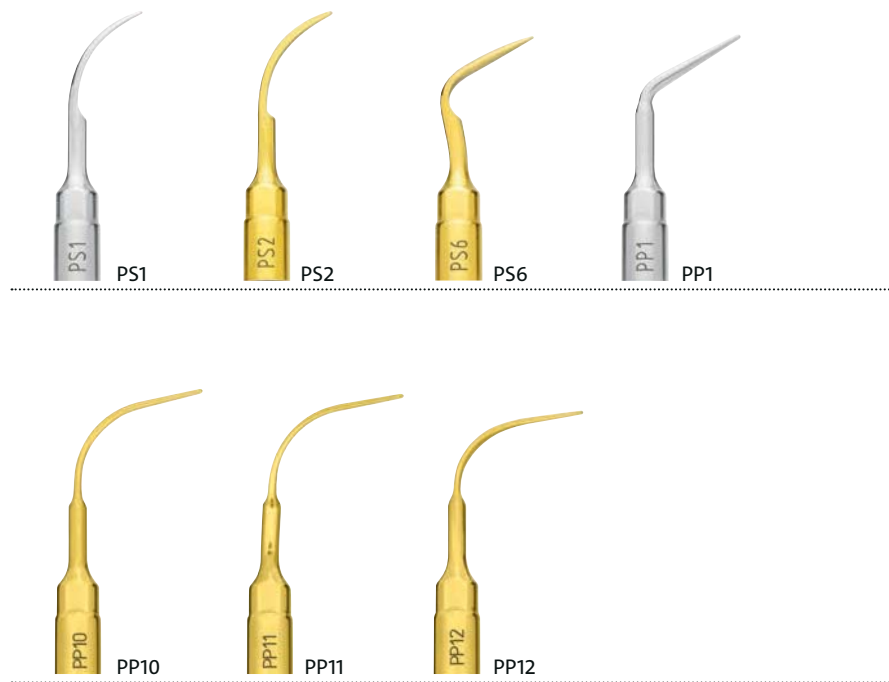
→ EXPLANTATION INSERTS

insert EXP3-R	03400004
insert EXP3-L	03400005
insert EXP4-R	03400006
insert EXP4-L	03400007
explantations	

→ PERIODONTAL INSERTS

Product	Ref. no.
insert PS1 root scaling	03180001
insert PS2 scaling and inflammatory tissue removal fractured root apex extraction	03180003
insert PS6 root scaling	03180005
insert PP1 root planing	03180002
insert PP10 gentle subgingival concrements removal	03180006
insert PP11 gentle subgingival concrements removal	03180007
insert PP12 gentle subgingival concrements removal	03180008

→ PERIO



→ IMPLANT CLEANING



→ IMPLANT CLEANING TIPS

Product	Ref. no.
Implant cleaning set P (consists of a tipholder ICP and 5 tips IC1)	01520020
tipholder ICP	03570003
tip IC1 (5 pieces)	02900112
efficient and soft cleaning of implants and restorations; implant cleaning tip IC1 can be easily tightened without any special tools and is fully autoclavable	

→ CROWN PREP TIPHOLDER FOR PIEZOSURGERY® HANDPIECES

Product	Ref. no.
crown prep set P5	02160010
equipped with DB2, AB1 and K7	
tipholder DB2	03570002

→ CROWN PREP TIPHOLDER ACCESSORIES

key AB1	03580001
dynamometric wrench K7	02900081

→ CROWN PREP TIPS FOR CHAMFER T.

crown prep tip TA12D60	03590001
crown prep tip TA14D60	03590002
crown prep tip TA16D60	03590003
crown prep tip TA12D90	03590004
crown prep tip TA14D90	03590005
crown prep tip TA16D90	03590006
crown prep tip TA14D120	03590007
crown prep tip TA16D120	03590008

→ CROWN PREP TIPS FOR VERTICAL T.

crown prep tip TF12D60	03590010
crown prep tip TF16D60	03590011
crown prep tip TF12D90	03590012
crown prep tip TF16D90	03590013

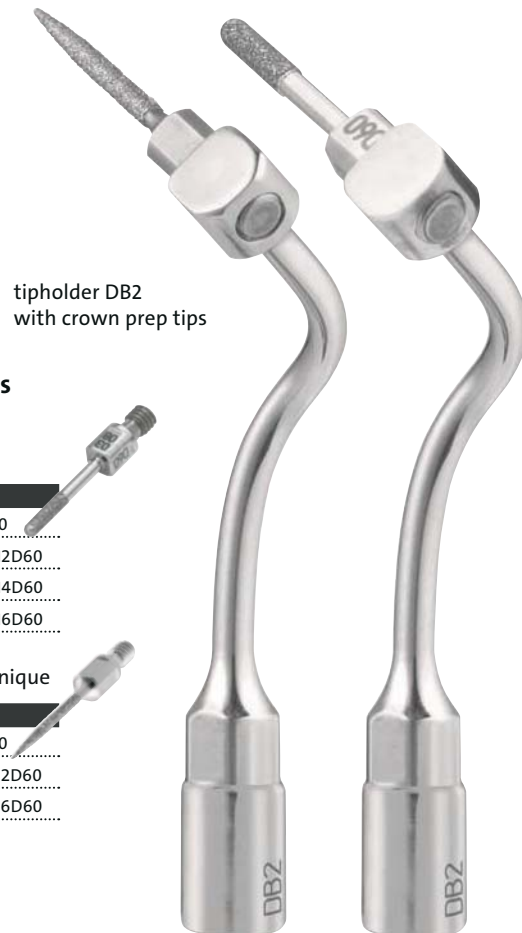
→ CROWN PREP



key AB1



dynamometric
wrench K7



tipholder DB2
with crown prep tips

→ Available lengths and diameters of crown prep tips

Preparation with chamfer technique

	→ Length 10 mm	→ Diamond coating	
diameter	D120	D90	D60
1.2 mm		TA12D90	TA12D60
1.4 mm	TA14D120	TA14D90	TA14D60
1.6 mm	TA16D120	TA16D90	TA16D60

Preparation with vertical preparation technique

	→ Length 10 mm	→ Diamond coating	
diameter		D90	D60
1.2 mm		TF12D90	TF12D60
1.6 mm		TF16D90	TF16D60

BONE EXPANDERS

Improved primary stability and less trauma

BONE EXPANDER KITS

Product	Ref. no.
bone expander kit	03770001
equipped with:	
1 expander of each type, 1 ADM8, 1 bone expander tray	
bone expander kit pro	03770002
equipped with:	
1 expander of each type, 1 ADM8, 1 ADR16,	
1 ADR7, 1 ratchet, 1 bone expander tray	
bone expander kit pro s	03770005
equipped with:	
2 expanders of each type, 1 ADM8, 1 ADR16,	
1 ADR7, 1 ratchet, 1 bone expander tray	



bone expander kit pro s



- Technique for expanding the atrophic alveolar ridge
- Lateral bone condensation technique
- Alternative to the maxillary sinus elevation technique

→ BONE EXPANDERS (Ø x length in mm)

Product	Ref. no.
2.5 x 11.5	03780001
2.5 x 15	03780002
3.5 x 11.5	03780003
3.5 x 15	03780004
4.5 x 11.5	03780005
4.5 x 15	03780006
ADM8	03790001
Adapter for micromotor	
ADR7	03790002
Short adapter for ratchet	
ADR16	03790003
Long adapter for ratchet	
Ratchet	02270005

→ SINUS PHYSIOLIFT® II KITS

Product

Ref. no.

sinus physiolift® II pro kit

03770012

equipped with:

PIEZOSURGERY® inserts: IM1 SP, IM2 SP, P2-3 SP, OT9

Alignment pins: PIN IM1, PIN 2-2.4

Crestal sinus elevators 2 x CS1 and 2 x CS2

Pressure control system: Physiolifter

Ball shaped probe PROBE SP

Micromotor and ratchet adapters: ADM10, ADR10

Ratchet

3 insert trays, 3 silicone tubes with tube-tube connector, 2 complete sealed tubes, 3 sterile disposable syringes, Clinical Protocol and DVD

sinus physiolift® II basic kit

03770011

equipped with:

Crestal sinus elevators 2 x CS1 and 2 x CS2

Pressure control system: Physiolifter

Ball shaped probe PROBE SP

Micromotor and ratchet adapters: ADM10, ADR10

Ratchet

2 insert trays, 3 silicone tubes with tube-tube connector, 2 complete sealed tubes, 3 sterile disposable syringes, Clinical Protocol and DVD

sinus physiolift® II starter kit

03770013

equipped with:

Crestal sinus elevators 1 x CS1 and 1 x CS2

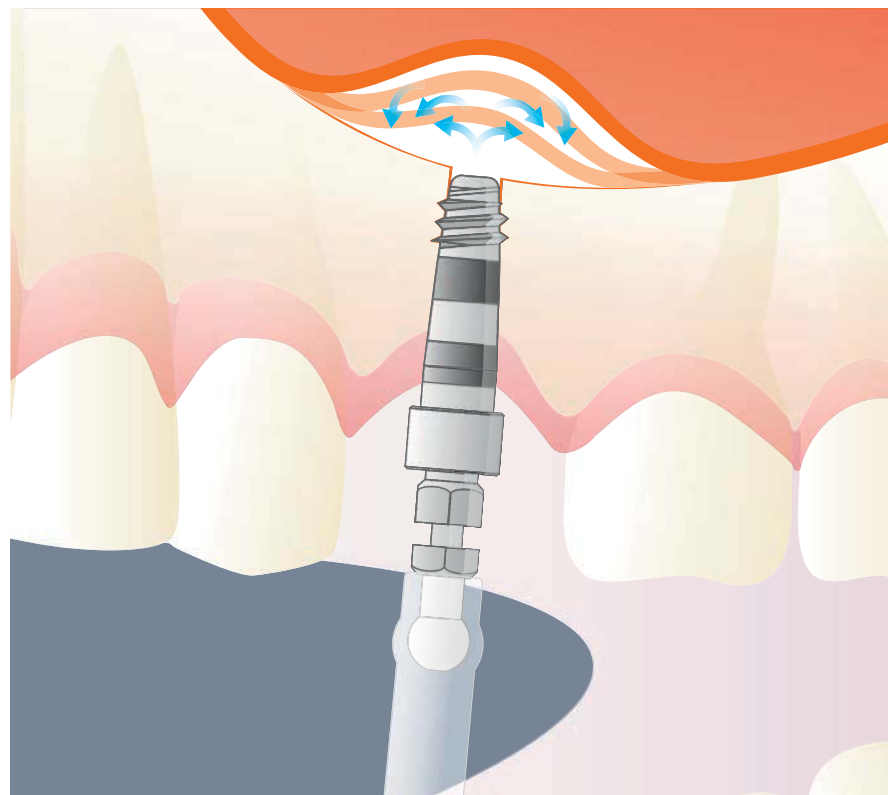
Pressure control system: Physiolifter

Micromotor adapter: ADM10

1 insert tray, 1 silicone tube with tube-tube connector, 1 complete sealed tube, 1 sterile disposable syringe, Clinical Protocol and DVD

→ SINUS PHYSIOLIFT® II

Controls pressure in the sinus cavity!





➔ SINUS PHYSIOLIFT® II PARTS

Product	Ref. no.
insert IM1 SP	03510011
insert IM2 SP	03510022
insert P2-3 SP	03510024
insert OT9	03370016
PIN IM1	03740002
PIN 2-2.4	03740003
Crestal Sinus Elevator CS1	03920001
Crestal Sinus Elevator CS2	03920002
Ball shaped probe PROBE SP	03920003
Physiolifter	02900097
Micromotor adapter length 10 mm (ADM10)	03790004
Ratchet adapter length 10 mm (ADR10)	03790005
Ratchet	02270005
Silicone tube with tube-tube connector	02900098
Complete sealed tube	02900099
Insert tray physiolift® (small)	02900100
Insert tray physiolift® (large)	02900101

→ MULTIPIEZO PRO

Put variety into practice, the multi-functional ultrasonic unit.

The widest range of indications in the market. An extremely wide ultrasound power range. Innovative electronics. Unique ergonomics. Put it all together – and you come up with the mectron **multi piezo pro**.



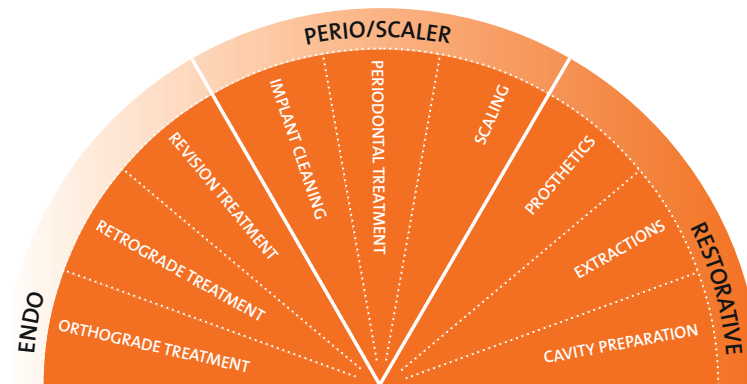
→ MULTIPIEZO PRO

Equipment set

- 1 multipiezo pro
- 2 LED ultrasonic handpieces
- 3 bottles – 500 ml
- 3 safety bottle caps
- 1 torque wrench K6

Ref. no.

05060021





→ TECHNICAL DATA

sizes (l x w x h in mm):

440 x 230 x 145

weight:

3.3 kg

operating frequency:

24.000 – 36.000 Hz

power types:

3 functions, each with seven power levels, SOFT MODE

liquid supply:

via removable bottle

liquid quantity:

adjustable in 7 levels

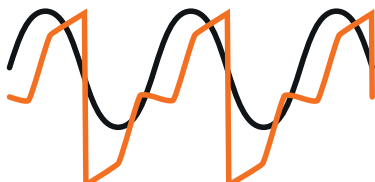
liquid flow rate:

between 0 and 28 ml

warranty:

2 years, handpiece 1 year

RESTORATIVE MODE
PULSE MODE



→ **Pulse Mode**

Pulse Mode (level 6 of restorative function) transforms sine wave-shaped ultrasound oscillations to a new profile, characterized by specific power peaks, which results in an optimized performance for extractions and prosthetics.

→ **MULTIPIEZO *white***

Equipment set

- 1 multipiezo
- 1 LED ultrasonic handpiece
- 3 inserts: scaling inserts S1 and S6, perio insert P10
- 2 bottles, 500 ml
- 2 safety bottle caps
- 1 torque wrench K6

Ref. no.

05060025

→ **MULTIPIEZO *white***

Bright prospects for a bright future.





STANDARD MODE
SOFT MODE

→ SOFT MODE

- special modulation for gentle but still powerful insert movement
- maximum comfort for sensitive patients

SOFT
MODE

→ TECHNICAL DATA

sizes (l x w x h in mm):

320 x 230 x 145

weight:

2.4 kg

operating frequency:

24.000 – 36.000 Hz

power types:

3 functions, each with seven power levels, SOFT MODE

liquid supply:

via removable bottle

liquid quantity:

adjustable in 7 levels

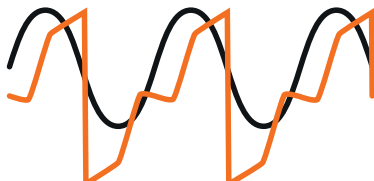
liquid flow rate:

between 0 and 28 ml

warranty:

2 years, handpiece 1 year

RESTORATIVE MODE PULSE MODE



→ Pulse Mode

Pulse Mode (level 6 of restorative function) transforms sine wave-shaped ultrasound oscillations to a new profile, characterized by specific power peaks, which results in an optimized performance for extractions and prosthetics.

→ MULTIPIEZO *touch*

Equipment set

- 1 multipiezo
- 1 LED ultrasonic handpiece
- 3 inserts: scaling inserts S1 and S6,
perio insert P10
- 2 bottles, 500 ml
- 2 safety bottle caps
- 1 torque wrench K6

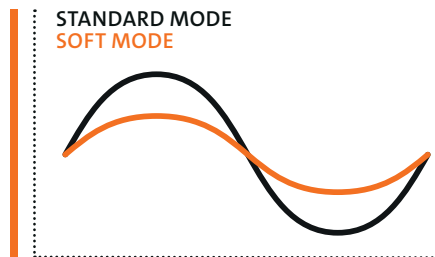
Ref. no.

05060024

→ MULTIPIEZO *touch*

Looking beautiful is looking really beautiful.





→ **SOFT MODE**

- special modulation for gentle but still powerful insert movement
- maximum comfort for sensitive patients

→ **TECHNICAL DATA**

sizes (l x w x h in mm):

320 x 230 x 145

weight:

2.4 kg

operating frequency:

24.000 – 36.000 Hz

power types:

3 functions, each with seven power levels, SOFT MODE

liquid supply:

via removable bottle

liquid quantity:

adjustable in 7 levels

liquid flow rate:

between 0 and 28 ml

warranty:

2 years, handpiece 1 year

..... MICROPIEZO

A new era in ultrasound devices.

The new advanced entry level ultrasound scaler with three functions:

- scaling and perio treatments
- endodontic treatments
- prosthetic treatments

Patients benefit from gentle ultrasound scaling in **SOFT MODE**.



..... MICROPIEZO

- 1 micropiezo
- 1 slim ultrasonic LED handpiece
- 2 inserts: scaling insert S1-S and perio insert P10
- 1 liquid container, 500 ml
- 1 footpedal

Ref. no.

05080013



→ TECHNICAL DATA

sizes (l x w x h in mm):

161 x 214 x 171

weight:

0.94 kg

operating frequency:

24.000 – 36.000 Hz

power types:

3 functions (endo, perio-scaling, prosthetics),
SOFT MODE, each with seven power levels

liquid supply:

via removable bottle

liquid quantity:

adjustable in 7 levels

liquid flow rate:

between 0 and 33 ml

MICROPIEZO S

Compact efficiency

A base of only 120 x 170 mm makes the **micropiezo s** an extremely space-saving unit. The integrated feedback-system ensures constant power and the automatic protection system guarantees safety at its max.

MICROPIEZO S

Equipment set with 2 inserts

- 1 micropiezo unit
- 1 ultrasonic handpiece
- 1 S1 scaling insert
- 1 high-efficiency scaling insert S6
- 1 torque wrench K6

Ref. no.

05080004



→ TECHNICAL DATA

sizes (l x w x h in mm):

120 x 170 x 90

weight:

0.7 kg

power absorption:

40 W

operating frequency:

24.000 – 29.500 Hz

power types:

continuously adjustable

power supply:

power-supply unit: AC/DC adapter

230 Vac 50/60 Hz

115 Vac 50/60 Hz (optional)

100 Vac 50/60 Hz (optional)

device: 24 Vac

water supply:

continuously adjustable

working pressure from 1 to 6 bar

warranty:

2 years, handpiece 1 year

→ TECHNICAL DATA

operating frequency:

24.000 – 36.000 Hz

power types:

adjustable via the dental chair

power supply:

24 VAC, 50-60 Hz / 32 VDC

water supply:

via the dental unit

warranty:

2 years, handpiece 1 year

→ COMPACT PIEZO LED

Equipment set

1 electronic module

1 LED ultrasonic handpiece

1 basic kit equipped with: scaling inserts S1 and S6, perio inserts P1 and P10

1 torque wrench K6

Ref. no.

05090008

→ COMPACT PIEZO P2K

Equipment set

1 electronic module

1 ultrasonic handpiece

1 basic kit equipped with: scaling inserts S1, S2, S3 and 1 high-efficiency scaling insert S6

1 torque wrench K6

Ref. no.

05090003

COMPACT PIEZO LED COMPACT PIEZO

Compact efficiency or directly built-in.



Including feedback-system for constant power.

SPARE PARTS

High quality spare parts for your ultrasound device



DSC adaptor for ultrasound inserts

scaler insert adaptor

ADAPTORS FOR THERMODISINFECTION

Product

DSC Adaptor (for scaler handpiece irrigation line)*

Spare filter for DSC Adaptor*

Scaler insert Adaptor*

Ref. no.

04610007

04590006

04610009

COMMON SPARE PARTS

dynamometric torque wrench K10

dynamometric torque wrench K6

dynamometric wrench K7 (for tipholder DB1)

water filter

insert tray

universal cart

universal cart with water & air connections

02900137-001

02900074

02900081

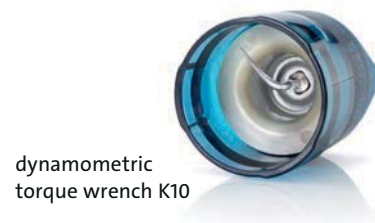
00420004

02900072

03540011

03540012

* not disposable



dynamometric torque wrench K10



dynamometric torque wrenches K6 and K7



water filter



safety bottle cap
(blue)



plastic bottle (piezo smart),
with complete bottle cap



plastic bottle
(multi piezo)
with complete
bottle cap

→ SPARE PARTS ULTRASOUND UNITS WITH LED HANDPIECE

Product

Ref. no.

LED ultrasonic handpiece

03120142

handpiece LED-cone

03020158

handpiece metal cone

03020171

→ SPARE PARTS ULTRASOUND UNITS WITHOUT LED HANDPIECE

ultrasonic handpiece (grey)

03120016

ultrasonic handpiece (blue)

03120132

handpiece metal cone

00710034

→ BOTTLES AND BOTTLE CAPS FOR PIEZO SMART, MULTIPIEZO PRO AND MULTIPIEZO

plastic bottle (piezo smart), 300 ml,

with blue complete bottle cap

03020066

plastic bottle (piezo smart), 300 ml,

with grey complete bottle cap

03020067

plastic bottle (piezo smart), 300 ml, without cap

03230007

plastic bottle (multi piezo), 500 ml, without cap

03150102

complete bottle cap, blue

03020081

complete bottle cap, grey

03020082

safety bottle cap, grey

01950015

safety bottle cap, blue

01950014

SPARE PARTS MULTIEZEO PRO AND MULTIEZEO

Product	Ref. no.
O-ring set for bottle holder (6 pieces)	03020175
peristaltic pump (white)	03210001
peristaltic pump (black - from serial no. 106005993)	03210009
footswitch	02900114

SPARE PARTS MICROPIEZO

slim ultrasonic LED handpiece (incl. light guide and blue O-ring)	03120238-001
kit light guide, metal cone and blue O-ring	02900146-001
liquid container (incl. cap, 500ml)	02900145-001
footpedal	02900144-001
pump	03210009-001
power adapter	03160024-001
kit O-ring + spring for liquid container	02900147-001

SPARE PARTS PIEZO SMART

O-ring set for bottle holder (3 pieces)	03020068
peristaltic pump	03210007
footswitch	02900055
power adapter piezo smart	03020105

SPARE PARTS MICROPIEZO S

footswitch	02900001
water filter	00420004



ultrasonic handpiece (grey)



ultrasonic handpiece (blue)



LED ultrasonic handpiece



slim ultrasonic LED handpiece

→ INSERT SETS

An insert set for every indication.



→ **new K10 – protects your handpiece and inserts**

- sterilisable dynamometric torque wrench
- every insert is supplied with its own torque wrench



→ SET MAINTENANCE



→ SET SCALING



→ INSERT SETS

Product

Ref. no.

set maintenance

02160035-001

equipped with inserts

S1, S2, S5, P2, P10 and

5 torque wrenches K10

description of the single inserts

can be found on page 66, 68 and 69

set scaling

02160001-001

S1, S2, S3, S4, S5 and

5 torque wrenches K10

description of the single inserts

can be found on page 66

→ INSERT SETS

Product

set perio maintenance

equipped with inserts
P10, P11, P12, P13, P14 and
5 torque wrenches K10
description of the single inserts
can be found on page 69

set perio treatment

equipped with inserts
S1-S, P2, P15, P16R, P16L and
5 torque wrenches K10
description of the single inserts
can be found on page 66, 68 and 69

Ref. no.

02160006-001

02160036-001

→ SET PERIO MAINTENANCE



→ SET PERIO TREATMENT



→ SET IMPLANT CLEANING



→ SET ENDO



→ INSERT SETS

Product	Ref. no.
implant cleaning set S	02160033-001
equipped with inserts	
1 insert ICS	
1 torque wrench K10	
5 Implant cleaning tips IC1	
description of the single inserts	
can be found on page 70	

set endo	02980020-001
equipped with inserts	
E1 (file holder 120°)	
E2 (file holder 90°)	
6 NiTi-files ISO 15, 27 mm, 6 NiTi-files ISO 20, 27 mm	
6 NiTi-files ISO 25, 27 mm, 6 NiTi-files ISO 15, 31 mm	
6 NiTi-files ISO 20, 31 mm, 6 NiTi-files ISO 25, 31 mm	
1 wrench K1	
1 wrench for endo files	
description of the single inserts	
can be found on page 71	

INSERT SETS

Product

set endo revision

equipped with inserts

ER1, ER2, ER3, ER4, ER5

description of the single inserts
can be found on page 72

set endo retro

equipped with inserts

R1, R2, R3, R4, R5

description of the single inserts
can be found on page 73

Ref. no.

02160008-001

02160004-001

➔ SET ENDO REVISION



➔ SET ENDO RETRO





→ every insert
is supplied with its
own torque wrench*

→ SCALING INSERTS

Product

Ref. no.

insert S1

02960001-001

universal curette with semicircular diameter for considerable tartar removal

insert S1-S

02960009-001

slim universal curette with triangled slightly curved surface for removal of supragingival tartar, subgingival concretions and biofilm

insert S2

02960002-001

universal curette with triangled, slightly curved surface, efficient in the interdental spaces and posterior surfaces

insert S3

02960003-001

flat, with rounded edges for considerable supragingival tartar removal

insert S4

02960004-001

universal curette with 45° angled, triangled and slightly curved surface for tartar removal on mesial and distal interdental surfaces in the posterior area

insert S5

02960005-001

similar shape to S1 insert but longer and thinner for gentle supra- and subgingival tartar removal and for gingivitis

→ INSERTS

For a wide range of applications

→ SCALING



→ SCALING HIGH EFFICIENCY



S6

S7

S8



→ every insert
is supplied with its
own torque wrench*

→ SCALING HIGH EFFICIENCY INSERTS

Product	Ref. no.
insert S6 contra-angled universal curette with semicircular diameter, powerful insert (twice the power of S1 insert) for considerable tartar removal	02960006-001
insert S7 contra-angled universal curette with triangled, slightly curved surface, powerful insert (twice the power of S2 insert) efficient in the interdental spaces and posterior surfaces	02960007-001
insert S8 contra-angled, flat working surface with round edges, powerful insert (twice the power of S3 insert) for considerable supragingival tartar removal	02960008-001



→ every insert
is supplied with its
own torque wrench*

→ PERIO UNIVERSAL INSERTS

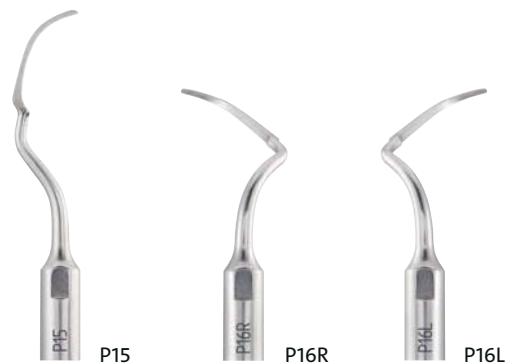
Product	Ref. no.
insert P1 long, straight working tip with a circular surface	02970001-001
insert P2 curved working tip with a circular surface	02970002-001
insert P3 straight long shaft, short working tip with a circular surface	02970003-001
insert P4 extra long, straight working tip with a circular surface	02970004-001

* available from September 2019

→ PERIO UNIVERSAL



→ PERIO ANATOMIC



→ every insert
is supplied with its
own torque wrench*

→ PERIO ANATOMIC INSERTS

Product	Ref. no.
insert P10 extra long, curved working tip with a circular surface	03080001-001
insert P11 right (inclination of 15°) curved insert with round tip	03080002-001
insert P12 left (inclination of 15°) curved insert with round tip	03080003-001
insert P13 right (inclination of 15°) curved insert with spherical (Ø = 0.8 mm) round tip	03080004-001
insert P14 left (inclination of 15°) curved insert with spherical (Ø = 0.8 mm) round tip	03080005-001
insert P15 universal curette shape with round surface	03080006-001
insert P16R right angled periodontal curette	03080007-001
insert P16L left angled periodontal curette	03080008-001

→ IMPLANT CLEANING



→ every insert
is supplied with
its own torque wrench*

→ IMPLANT CLEANING INSERTS

Product

Ref. no.

Implant cleaning set S 02160033-001
(consists of a tipholder ICS and 5 tips IC1)

tipholder ICS 03570004-001

tip IC1 (5 pieces) 02900112

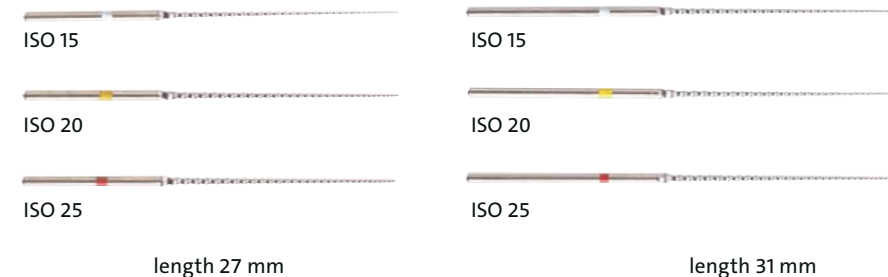
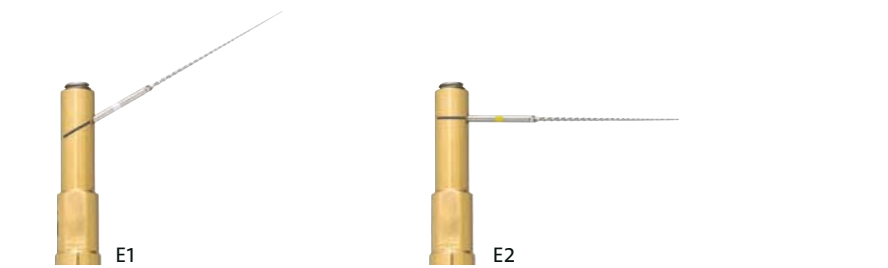
efficient and soft cleaning of implants
and restorations

* available from September 2019

70



→ implant cleaning
tip IC1 can be
easily tightened
without any special
tools and is fully
autoclavable



→ ENDO INSERTS

Product	Ref. no.
insert E1	02350001
120° file holder for endo files and inserts with a shaft of 0,8 mm	
insert E2	02350002
90° file holder for endo files and inserts with a shaft of 0,8 mm	

→ NITI-FILES

highly flexible NiTi-files for mectron file holders, two lengths, packages of 12 pieces

12 x endo file, ISO 15, 31 mm	02730001
12 x endo file, ISO 20, 31 mm	02730002
12 x endo file, ISO 25, 31 mm	02730003
12 x endo file, ISO 15, 27 mm	02740001
12 x endo file, ISO 20, 27 mm	02740002
12 x endo file, ISO 25, 27 mm	02740003

→ SPARE PARTS

key K1 for file holders E1 and E2	02270003
key for screw of file holders E1 and E2	02270004
screw for file holder E1	01260005
screw for file holder E2	01260003



→ every insert
is supplied with its
own torque wrench*

→ ENDO REVISION INSERTS

Product Ref. no.
insert ER1 03450001
angled shaft with small, spherical (Ø 1.7 mm)
and D30 diamond coated tip

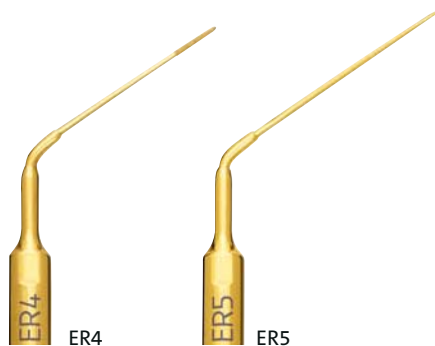
insert ER2 03450002
angled insert with 0.7 mm Ø, working length up
to 10 mm, the last 5 mm D30 diamond coated

insert ER3 03450003
angled insert with 0.6 mm Ø, working length up
to 10 mm, the last 5 mm D30 diamond coated

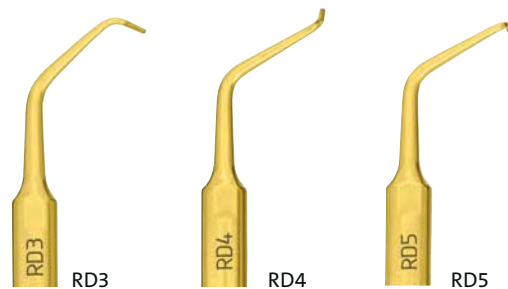
insert ER4 03450004
angled insert with 0.6 mm Ø, working length up
to 20 mm, the last 5 mm D30 diamond coated

insert ER5 03450005
angled insert with 0.5 mm Ø,
working length up to 24 mm

→ ENDO REVISION



→ ENDO RETRO



→ every insert
is supplied with its
own torque wrench*

→ ENDO RETRO INSERTS

Product	Ref. no.
insert R1 curved insert with a conical round working tip	03050001
insert R2 long, straight insert with 90° angled working tip	03050002
insert R3 angled shaft, with 90° angled working tip	03050003
insert R4 angled shaft, with 90° right angled working tip	03050004
insert R5 angled shaft, with 90° left angled working tip	03050005
insert RD3 angled shaft, with 90° angled working tip and fine diamond coating (D30)	03050006
insert RD4 angled shaft, with 90° right angled working tip and fine diamond coating (D30)	03050007
insert RD5 angled shaft, with 90° left angled working tip and fine diamond coating (D30)	03050008



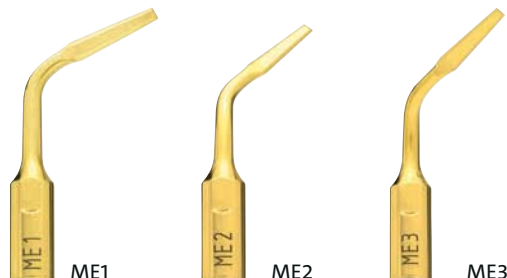
→ every insert
is supplied with its
own torque wrench*

→ EXTRACTION INSERTS

Product	Ref. no.
insert ME1 **	03130001
insert ME2 **	03130002
insert ME3 **	03130003

The specially shaped inserts ME1, ME2 and ME3 – with a blade thickness of only 0.35 mm – perfectly fulfill the anatomical demands of non surgical extractions. They offer maximum intra-operative sensitivity, allowing a great preservation of alveolar bone and periodontal tissues. Furthermore, the physiological solution guarantees maximum visibility thanks to the cavitation effect which leads to a temporary hemostasis of blood vessels.

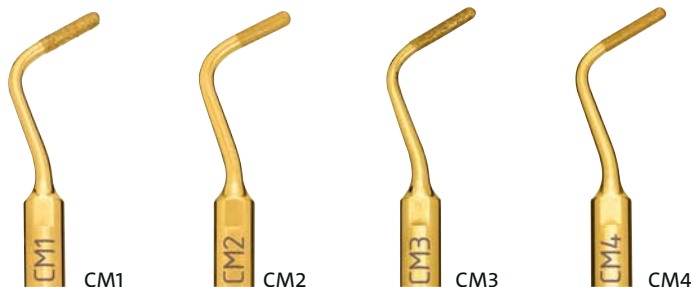
→ EXTRACTION**



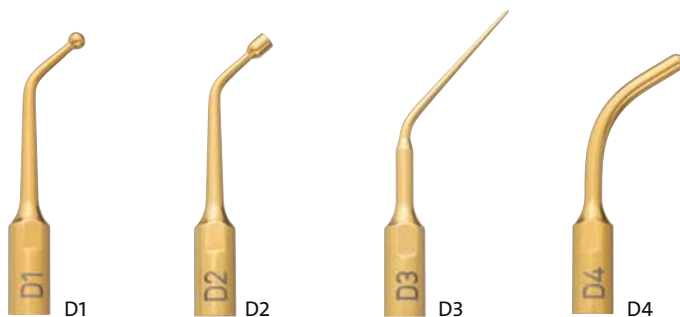
→ EXCLUSIVE
FOR PULSE
MODE**

** exclusive for units equipped with pulse mode; not available in the United States

→ CAVITY MARGIN



→ RESTORATIVE



→ every insert
is supplied with its
own torque wrench*

→ CAVITY MARGIN INSERTS

Product	Ref. no.
insert CM1 angled shaft with torpedo shaped working tip, Ø 1.8 mm, medium diamond coating (D91)	02190003
insert CM2 angled shaft with torpedo shaped working tip, Ø 1.8 mm, fine diamond coating (D30)	02190004
insert CM3 angled shaft with torpedo shaped working tip, Ø 1.5 mm, medium diamond coating (D91)	02190001
insert CM4 angled shaft with torpedo shaped working tip, Ø 1.5 mm, fine diamond coating (D30)	02190002

→ RESTORATIVE INSERTS

insert D1 – for amalgam condensation in class I, II and V preparations – for gold fillings burnishing	02990001
insert D2 – for amalgam condensation in class I, II and V preparations – for removing of crowns and bridges	02990002
insert D3 for lateral condensation of guttapercha	02990003
insert D4 for crowns, bridges and metal points removal	02990004

→ CROWN PREP TIPHOLDER FOR ULTRASOUND SCALER HANDPIECES

Product	Ref. no.
crown prep set scaler	02160009
equipped with DB1, AB1 and K7	
tipholder DB1	03570001

→ CROWN PREP TIPHOLDER ACCESSORIES

key AB1	03580001
dynamometric wrench K7	02900081

→ CROWN PREP TIPS FOR CHAMFER T.

crown prep tip TA12D60	03590001
crown prep tip TA14D60	03590002
crown prep tip TA16D60	03590003
crown prep tip TA12D90	03590004
crown prep tip TA14D90	03590005
crown prep tip TA16D90	03590006
crown prep tip TA14D120	03590007
crown prep tip TA16D120	03590008

→ CROWN PREP TIPS FOR VERTICAL T.

crown prep tip TF12D60	03590010
crown prep tip TF16D60	03590011
crown prep tip TF12D90	03590012
crown prep tip TF16D90	03590013

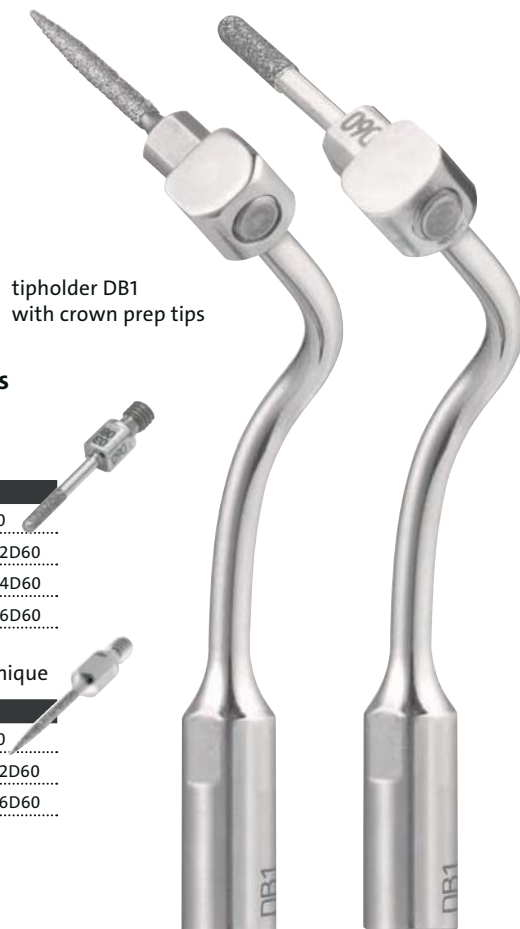
→ CROWN PREP



key AB1



dynamometric
wrench K7



→ Available lengths and diameters of crown prep tips

Preparation with chamfer technique

	→ Length 10 mm	→ Diamond coating	
diameter	D120	D90	D60
1.2 mm		TA12D90	TA12D60
1.4 mm	TA14D120	TA14D90	TA14D60
1.6 mm	TA16D120	TA16D90	TA16D60

Preparation with vertical preparation technique

	→ Length 10 mm	→ Diamond coating	
diameter	D90	D60	
1.2 mm	TF12D90	TF12D60	
1.6 mm	TF16D90	TF16D60	

→ COMBI touch BASIC

Equipment set

- 1 combi touch
- 1 LED handpiece
- 2 inserts: scaling insert S1-S and perio insert P10
- 1 bottle (500ml)
- 1 grey safety bottle cap
- 1 air-polishing handpiece 120°
- 1 bottle prophylaxis powder smooth (250g)
- 1 bottle prophylaxis powder sensitive - glycine powder (160g)

Ref. no. 05020015-007

→ COMBI touch

Equipment set

- 1 combi touch
- 1 LED handpiece
- 2 inserts: scaling insert S1-S and perio insert P10
- 1 bottle (500ml)
- 1 grey safety bottle cap
- 1 air-polishing handpiece 120°
- 1 air-polishing handpiece PERIO
- 1 pack subgingival perio tips (40 pcs)
- 1 wrench K9
- 1 bottle prophylaxis powder smooth (250g)
- 1 bottle prophylaxis powder sensitive - glycine powder (160g)

Ref. no. 05020015-008

→ COMBI touch

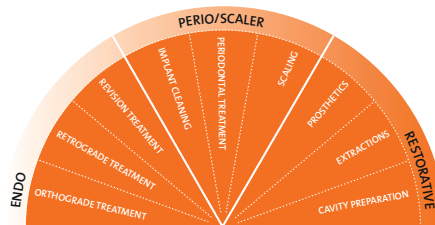
The new number 1 in 2-in-1. The new combi touch

→ Flexibility

- ultrasound and air-polishing in one unit
- choice between supra- and subgingival air-polishing
- new slim air-polishing handpieces 120° and PERIO with sterile Subgingival Perio Tip and optional 90°
- ultrasound with two irrigation lines, tap water or independent 500 ml bottle

→ Ergonomics

- glass touch screen, easy to clean
- removable powder containers, refill without switching off the unit



- SOFT MODE: maximum comfort for sensitive patients
- widest range of ultrasound indications in the market



SOFT
MODE

air-polishing handpieces *



→ TECHNICAL DATA

sizes (l x w x h in mm): 410 x 260 x 145

weight: 4.8 kg

water supply:

working pressure from 1 to 6 bars

air supply:

input pressure between 4 and 8 bars

ultrasound part:

operating frequency:

24 KHz to 36 KHz

power mode:

"endo", "perio/scaler", "restorative", "SOFT MODE"

power levels from 1 to 5

irrigation:

tap water line – stepless adjustment

peristaltic pump – adjustable on the

touch screen: 7 flow levels from 1

(approx. 5 ml/min) to 7 (approx. 30 ml/min)

possibility to switch off the irrigation in the

power modes "endo", "perio/scaler" and

"restorative" at power levels from 1 to 4

polishing part:

polisher function:

selectable via touch screen: "Prophy" or "Perio"

irrigation:

continuous regulation via knob,

water heated via heating element.

warranty:

2 years, handpiece 1 year

* available from September 2019



The multi-talented prophylaxis unit.

COMBI

Equipment set

- 1 combi
- 1 ultrasonic handpiece
- 1 basic kit equipped with: scaling inserts S1, S2, S3 and 1 high-efficiency scaling insert S6
- 1 torque wrench K6
- 2 spray heads
- 1 bottle prophylaxis powder intense (250g)
- 1 bottle prophylaxis powder sensitive - glycine powder (160g)
- 1 spare water filter

Ref. no. (230 V version)

05020011

combi offers several treatment options. The powerful ultrasound allows gentle supra- and subgingival scaling and the reliable air-polishing technique provides for both supragingival tooth cleaning and subgingival removal of biofilms.



PERIO
FUNCTION



→ TECHNICAL DATA

sizes (l x w x h in mm):

280 x 185 x 100

operating frequency:

24.000 – 29.500 Hz

power supply:

230 VAC, 50/60Hz

water supply:

tap water 1.0 – 6.0 bar

air supply:

4.0 – 8.0 bar

working pressure:

3.5 bar

warranty:

2 years, handpiece 1 year

→ TURBODENT

The stand-alone unit focused specifically on air-polishing.

The underlying technique of **turbodent** is identical with the **combi** unit, it can also be switched easily from supragingival to subgingival treatments.

→ TURBODENT

Equipment set

- 1 turbodent
- 2 spray heads
- 1 bottle prophylaxis powder intense (250g)
- 1 bottle prophylaxis powder sensitive - glycine powder (160g)
- 1 spare water filter

Ref. no. (230 V version)

05010009

→ PERIO
FUNCTION





→ TECHNICAL DATA

sizes (l x w x h in mm):

280 x 185 x 100

power supply:

230 VAC, 50/60Hz

water supply:

tap water 1.0 – 6.0 bar

air supply:

4.0 – 8.0 bar

working pressure:

3.5 bar

warranty:

2 years

STARJET the new 2 face air-polisher

STARJET BASIC

Equipment set

- 1 starjet
- 1 spray head 120°
- 1 bottle prophylaxis powder soft (250g)
- 1 bottle prophylaxis powder sensitive - glycine powder (160g)

Product

- starjet basic (BienAir)
- starjet basic (KaVo)
- starjet basic (Sirona)
- starjet basic (W&H)
- starjet basic (Midwest)
- starjet basic (Borden)
- starjet basic (NSK)

Ref. no.

- 05150074-005
- 05150075-005
- 05150076-005
- 05150077-005
- 05150078-005
- 05150079-005
- 05150080-005



One device, two indications – easy switch from supra- to subgingival air-polishing with a PROPHY to PERIO turn.

- maximum flexibility as it can be used with powders with different granulometries
- optimal access thanks to 3 available nozzles – 120°, PERIO and 90° optional
- permanent control of the powder level thanks to the transparent powder chamber
- easy powder filling thanks to lateral opening



→ TECHNICAL DATA

sizes (l x w x h in mm):

200 x 90 x 50

water supply:

0 – 3.0 bar

air supply:

2.0 – 3.0 bar

warranty:

1 year

→ STARJET

Equipment set

1 starjet

1 spray head 120°

1 spray head PERIO;

subgingival perio tips (40 pcs)

1 wrench K9

1 bottle prophylaxis powder soft (250g)

1 bottle prophylaxis powder sensitive - glycine powder (160g)

Product

starjet (BienAir)

starjet (KaVo)

starjet (Sirona)

starjet (W&H)

starjet (Midwest)

starjet (Borden)

starjet (NSK)

Ref. no.

05150074-007

05150075-007

05150076-007

05150077-007

05150078-007

05150079-007

05150080-007



→ MECTRON PROPHYLAXIS POWDERS.

Higher performance for bright results.

→ PROPHYLAXIS POWDER

Product	Ref. no.
Prophylaxis powder intense pack with two bottles (250 g each)	03140002
Prophylaxis powder smooth pack with four bottles (250 g each)	03140010
Prophylaxis powder soft pack with four bottles (250 g each)	03140008
Prophylaxis powder sensitive pack with two bottles (160 g each)	03140007

→ PROPHYLAXIS POWDER INTENSE

effectively
removes supra-
gingival biofilm
and stubborn
extrinsic stains
on the enamel
surface



- Sodium bicarbonate-based
- Average particle size less than 120 μm
- Lemon flavour

→ PROPHYLAXIS POWDER SMOOTH

spherical
particles gently
remove supra-
gingival biofilm
while respecting
the surrounding
tissues



- Calcium carbonate-based
- Average particle size between
45 μm and 75 μm
- Neutral taste

→ PROPHYLAXIS POWDER SOFT

gently and
effectively
removes
supragingival
biofilm and
stains on the
enamel surface



- Sodium bicarbonate-based
- Average particle size 40 µm
- Mint flavour

→ PROPHYLAXIS POWDER SENSITIVE

gently removes
supra- and sub-
gingival biofilm



- Glycine-based
- Average particle size 25 µm
- Sweet taste

INDICATIONS	INTENSE	SMOOTH	SOFT	SENSITIVE
Supragingival biofilm removal	●	●	●	●
Removal of stains and pigmentations	●	●	●	
Subgingival biofilm removal				●
Periodontal pocket detoxification				●
Implant maintenance				●
Peri-implantitis treatment				●
Fixed orthodontic appliances		●	●	●
Preparation for whitening		●	●	●
Cleaning of prosthesis and restoration materials		●	●	●
Cleaning of cavity margins before etching	●	●	●	
Cleaning of fissures before sealing	●	●	●	●
Restoration maintenance		●	●	●

→ SIZES:

total (l x w x h in mm):

480 x 460 x 850 mm

upper tray:

480 x 370 in 770 mm height

middle tray:

420 x 310 in 440 mm height

lower tray:

480 x 370 in 65 mm height

weight:

29 kg

→ UNIVERSAL CART

Product

Ref. no.

universal cart

03540011

**universal cart with
water & air connections**

03540012

→ UNIVERSAL CART

Let's move the devices!

The **universal cart** – maximum mobility for all your table-top devices. All supply lines are hidden in the easily accessible cable room. The power supply (and the water & air connection – where available) is brought at the tray's height, for an easy connection to your devices.



SPARE PARTS



water filter



plastic bottle (scaler) –
combi touch



ultrasonic handpiece combi touch



dynamometric
torque wrench K6



dynamometric
torque wrench K10

COMMON SPARE PARTS COMBI touch

Product

Ref. no.

dynamometric torque wrench K10

02900137-001

dynamometric torque wrench K6

02900074

LED ultrasonic handpiece combi touch

03120224

handpiece LED-cone combi touch

03020205

handpiece metal cone

03020171

plastic bottle (scaler), 500 ml, without cap

03150102

complete bottle cap, blue

03020081

complete bottle cap, grey

03020082

safety bottle cap, grey

01950014

safety bottle cap, blue

01950015

subgingival perio tip (40 pieces)

02900120

wrench K9

02900122

cleaning needle (0.4 x 57 mm)

02900123

cleaning needle (0.8 x 57 mm)

02900121

O-ring set combi touch

03020206

powder chamber PROPHY

03020194

powder chamber PERIO

03020200

powder chamber cap

03020195

water filter

00420004

water supply hose

02900119

air supply hose

02900012

suitcase combi touch

04440019

footswitch

02900114

→ SPARE PARTS COMBI *touch* UP TO SEPTEMBER 2019

Product	Ref. no.
90° spray head	03340007
120° spray head	03340008
PERIO spray head	03340009
subgingival perio tip (40 pieces)	02900120
wrench K9	02900122
O-ring set combi <i>touch</i>	03020206

→ SPARE PARTS COMBI *touch* FROM SEPTEMBER 2019

air-polishing handpiece 120°	03120240-001
air-polishing handpiece PERIO	03120241-001
air-polishing handpiece 90°	03120239-001
subgingival perio tip (40 pieces)	02900120
wrench K9	02900122

→ ADAPTORS FOR THERMODISINFECTION

DSC Adaptor (for scaler handpiece irrigation line) *	04610007
Spare filter for DSC Adaptor *	04590006
Scaler insert Adaptor *	04610009

→ COMMON SPARE PARTS COMBI AND TURBODENT

torque wrench K6	02900074
cleaning needle	02900003
O-ring for powder chamber cap	00410018
footswitch	02900001
water filter	00420004
O-ring water coupling	00410024

* not disposable



90° spray head



120° spray head



PERIO spray head



air-polishing handpiece 120°



air-polishing handpiece PERIO



air-polishing handpiece 90° (optional)



ultrasonic handpiece (blue)



ultrasonic handpiece (grey)



spray head set turbodent p/s



spray head, to easyjet serial no. 080XXXXY



spray head, from easyjet serial no. 080XXXXY



O-ring Set

→ SPARE PARTS COMBI, to serial no. 046XXXXYY / TURBODENT, to serial no. 047XXXXYY

Product	Ref. no.
ultrasonic handpiece (grey)	03120016
ultrasonic handpiece cord (grey)	02830022
spray head set turbodent p/s	03340003
air polishing handpiece cord (grey)	03120009
O-ring spray head, small	00410013
O-ring spray head, large	00410014

→ SPARE PARTS COMBI, from serial no. 203XXXXYY / TURBODENT, from serial no. 202XXXXYY

ultrasonic handpiece (blue)	03120132
ultrasonic handpiece cord (white)	02830042
spray head	03340006
spray head set	03020121
(spray head, silicon protector, long cleaning needle and short cleaning needle)	
air polishing handpiece cord	03120133
silicon protector	03150033

→ SPARE PARTS STARJET

90° spray head standard	03340015
120° spray head standard	03340014
PERIO spray head standard	03340013
90° spray head short	03340012
120° spray head short	03340011
PERIO spray head short	03340010
subgingival perio tip (40 pieces)	02900120
wrench K9	02900122
O-ring set starjet (2 black + blue)	02900134-001

SPARE PARTS STARJET

Product	Ref. no.
set powder chamber cap + 1 O-ring blue	02900133-001
cleaning kit starjet	02900136-001
(cleaning needle spray head, cleaning needle starjet body, cleaning brush)	

COMMON SPARE PARTS EASYJET PRO

cleaning needle (long)	02900050
silicon protector for spray head	03150033
O-ring Borden turbine adapter	01970005
O-ring Midwest turbine adapter	01970013

SPARE PARTS EASYJET PRO, to serial no. 080XXXXXX

spray head set easyjet pro	03020061
(spray head, silicon protector, cleaning needle, small and large O-ring)	
O-ring set easyjet pro	02900051
(1 x small and 1 x large O-ring for the spray head, 1 x O-ring for the powder chamber cap)	
powder chamber cap, transparent	03020059
powder chamber cap, blue	03020060

SPARE PARTS EASYJET PRO (from serial no. 201XXXXXX) UND EASYJET PERIO

spray head	03340006
spray head set	03020121
(spray head, silicon protector, long cleaning needle and short cleaning needle)	
powder chamber cap, blue	03020123
easyjet O-ring set	02900087
(1 small and 1 large O-ring for the spray head, 1 O-ring for the powder chamber cap)	



PERIO spray head standard



PERIO spray head short



120° spray head standard



120° spray head short



90° spray head standard



90° spray head short



powder chamber cap

→ STARLIGHT UNO

Colorful and even easiest handling

LED curing light available in 6 different colours.
One touch handling, outstanding curing performance, exchangeable battery ... persuasive features, persuasive price!

→ STARLIGHT UNO

1 handpiece, 1 charging station

Color

- ☐ white
- ☐ grey
- ☐ turquoise
- ☐ yellow
- ☐ light blue
- ☐ violet

Ref. no.

- 05100092
- 05100093
- 05100094
- 05100095
- 05100096
- 05100097





→ TECHNICAL DATA

sizes (l x Ø in mm):

190 x 21

weight:

77 g

light source:

high power LED

wavelength:

dominant wavelength 440 – 465 nm

light intensity:

> 1.500 mW/cm²

average life span LED:

1.800.000 cycles of 20 sec

battery:

rechargeable Lithium-ion battery
(no memory-effect)

capacity of the accumulator:

240 cycles of 10 sec

charging time:

4 hours (240 min)

warranty:

3 years, battery excluded

→ STARLIGHT PRO

Lightweight, powerful, versatile



→ STARLIGHT PRO

1 handpiece, 1 charging station

Color

□ white, shiny

■ yellow, shiny

■ silver

■ black, matt
carbon fiber look

Ref. no.

05100083

05100085

05100087

05100086

The lithium-ion battery of the cordless **starlight pro** provides 320 working cycles of 10 seconds – after only 120 minutes of charging. The power of more than 1.400 mW/cm² hardens a 2-mm thick layer in only 10 seconds. All this with only 105 g.



→ TECHNICAL DATA

sizes (l x Ø in mm):

198 x 23

weight:

105 g

light source:

high power LED

wavelength:

dominant wavelength 440 – 465 nm

optical fiber:

Ø 8 mm black, click-clack-connection, sterilisable at 135° C

light intensity:

Ø 8 mm optical fiber, black > 1.400 mW/cm²

average life span LED:

1.800.000 cycles of 20 sec

accumulator:

lithium-ion-accumulator (no memory-effect)

capacity of the accumulator:

320 cycles of 10 sec

charging time:

about 120 min

warranty:

3 years (light guide and battery excluded)

→ TECHNICAL DATA

sizes (l x Ø in mm):

141 x 23

weight:

102 g

wavelength:

440 – 465 nm

optical fiber:

Ø 8 mm, sterilisable at 135° C

light intensity:

Ø 8 mm optical fiber > 1.400 mW/cm²

average life span LED:

1.800.000 cycles of 10 sec

warranty:

3 years (light guide excluded)

→ STARLIGHT S+

Product

starlight s+*

Ref. no.

05100098-003

→ STARLIGHT S+

flexibility integrated - 3 operating modes
easy handling

starlight s+ can be easily built into your dental unit and is simply placed in the handpiece holder – exactly where you need it.



→ STARLIGHT S

Built-in kit – the integrated solution



The alternative for dental units. Easily integrated and simply handled.

→ TECHNICAL DATA

sizes (l x Ø in mm):

148 x 25

weight

65 g

wavelength:

440 – 465 nm

optical fiber:

Ø 8 mm, click-clack-connection,
sterilizable at 135° C

light intensity:

Ø 8 mm optical fiber > 1.400 mW/cm²

average life span LED:

1.800.000 cycles of 20 sec

warranty:

3 years (light guide excluded)

→ STARLIGHT S

Product

starlight s

Ref. no.

05100003

99

→ STARLIGHT ORTHO

Designed for the special needs
of orthodontists

- cures all current materials used in orthodontics efficiently and fast
- exposure times of 5 sec and 10 seconds
- allows curing of a few brackets up to a whole quadrant, with the push of one button



→ STARLIGHT ORTHO

1 handpiece, 1 charging station

Product

starlight ortho

Ref. no.

05100084

SPARE PARTS

SPARE PARTS STARLIGHT UNO

Product

battery starlight uno

protective sleeves (500 pieces)

optical protection (package with 2 pieces)

Ref. no.

03020222

03230015

02900130

COMMON SPARE PARTS STARLIGHT PRO, S, P AND SLER AND BLUELIGHT

optical protection, sterilizable Ø 8 mm (package of 2 pcs.)

02900018

optical protection, sterilizable Ø 4.5 mm (package of 2 pcs.)

02900019

SPARE PARTS STARLIGHT PRO AND ORTHO with metal click-clack connection of the optical fiber

black optical fiber with metal click-clack connection Ø 8 mm

02900086

SPARE PARTS STARLIGHT PRO, S AND P

transparent optical fiber Ø 8 mm

02750009

black optical fiber Ø 8 mm

02750012

transparent optical fiber Ø 4.5 mm

02750013

starlight sx5 cord

02830029

SPARE PARTS STARLIGHT SLER®

transparent optical fiber with metal click-clack connection Ø 8 mm

02900085

black optical fiber with metal click-clack connection Ø 8 mm

02900086



optical protection, 8mm



black optical fiber with metal click-clack connection Ø 8 mm



transparent optical fiber Ø 8 mm



black optical fiber Ø 8 mm



transparent optical fiber Ø 4,5 mm