



Surgical Sets

assorted and developed by Prof. NENTWIG

www.ustomed.de





Skilled and experienced surgical mechanics create top-quality instruments

MADE BY HAND

Technical Competence with a long Family Tradition

Using selected raw materials and highly advanced machinery

FOR USE BY HAND

Quality that you can see and feel

Many different instruments developed in close collaboration with internationally renowned universities and opinion leaders



Member of the German Dental Manufacturers (VDDI)



Certified by DQS according to: DIN EN ISO 13485 DIN EN ISO 9001 93/42/EWG Appendix II



Preamble

In close cooperation with Prof. Dr. G.–H. Nentwig, University of Frankfurt/Main, USTOMED INSTRUMENTE, Tuttlingen/Germany, has assorted two Instrument Sets specially designed for the dental implantology.

Prof. Dr. G.-H. Nentwig

Since 1991, Director of the Polyclinic for Dental Surgery and Implantology at the Center for Dental, Oral and Maxillofacial Medicine (ZZMK/Carolinum) of the University of Frankfurt/Main.

Developed the Ankylos implant system (jointly with engineer Dr. W. Moser).

Developed the "Bone Spreading Systems" and other surgical instruments.

Scientific director of postgraduate implantological curricula in Germany and abroad.



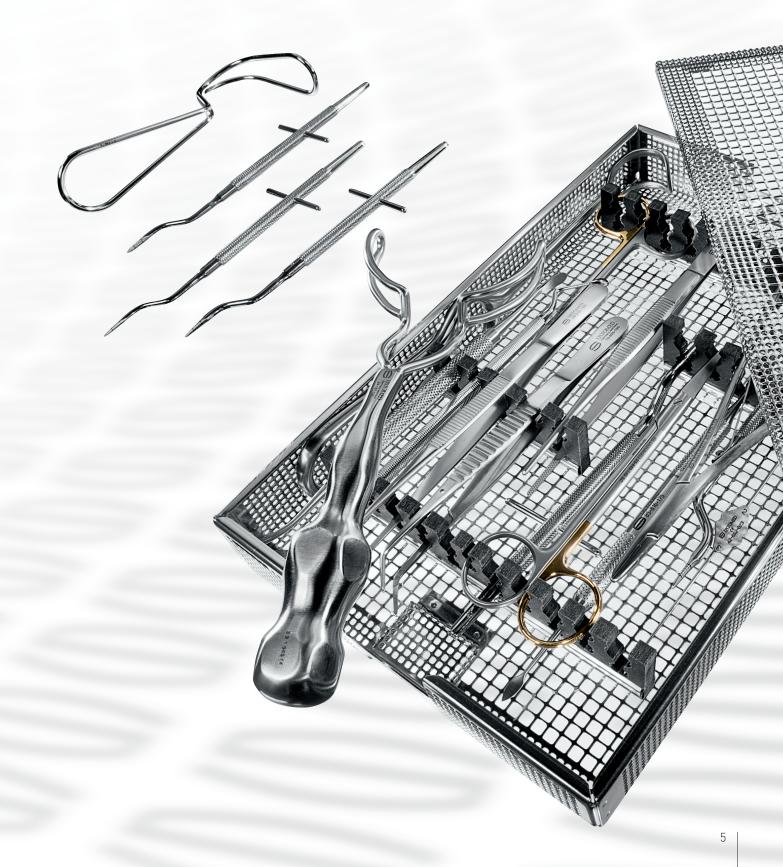
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01

Nentwig Implantology Basic Set

Constituent Parts:

91-120-000	Original NENTWIG Implantology Basic Set
03-081-145 SC	METZENBAUM-DELIKAT, Dissecting scissors, 14,5cm, curved, Supercut blades
03-440-140 SC	Joseph, Suture-/gum scissors, 14cm, straight, Supercut blades
08-036-160	Dissecting forceps, 16 cm, straight, cross-serrated
08-235-160	Tissue forceps, 16 cm, straight, 1 x 2 teeth, very delicate
10-825-150	College modified, Tweezers, 15 cm, strong pattern
20-470-170	LICHTENBERG, Needle holder, 17 cm, TC
20-164-150	alternatively – not included in the set: CRILE-Wood, Needle holder, 15 cm, TC
24-161-002	Middeldorpf, Cheek retractor, 22 cm, Fig. 2
24-165-150	Cheek retractor, 15 cm, s.s. wire
24-187-190	Usтомер, Universal vestibular retractor, 19 cm, straight
27-717-175	Periosteal elevator, 17,5 cm, double-ended, curved
42-652-034	Bowman, Antrum probe, ball-points, size 3/4
67-559-444	Orig. Nentwie, Bone spreading set, 4 pieces, bajonet, 17,5 cm, scaled alternatively – not included in the set:
67-558-444	Orig. Nentwig, Bone spreading set, 4 pieces, straight, 17,5cm, scaled
67-797-086	Lucas, Bone curette, 17 cm, d/e, size 86
67-903-000	Orig. Nentwie, Fixation/holding instrument for bone Reamer, bajonet, 15,5 cm alternatively – not included in the set:
67-902-000	also in straight available
85-816-175	Mod. B, Fine papilla raspatory, 17,5 cm
90-714-000	Usтомер, Washing basket, 270х170х35mm, Flexi-Kit





METZENBAUM-DELIKAT

Dissecting scissors

14,5 cm, curved

Supercut blades

Order Number 03-081-145 SC Joseph

Suture-/gum scissors

14 cm, straight

Supercut blades

Order Number 03-440-140 SC Dissecting forceps

16 cm, straight

cross-serrated

Order Number 08-036-160

LICHTENBERG

Needle holder



16 cm, straight	15 cm	17 cm
1x2 teeth, very delicate	strong pattern	TC
Order Number	Order Number	Order Number
08-235-160	10-825-150	20-470-170

College modified

Tweezers

Tissue forceps



15 cm, s.s. wire

Order Number

24-165-150

 $22\,cm$

Fig. 2

Order Number

24-161-002

15 cm

20-164-150

alternatively – not included in the set:

TC



Universal vestibular retractor





USTOMED

Universal vestibular retractor

19 cm, straight

Order Number 24-187-190 Periosteal elevator

17,5 cm, curved

double-ended

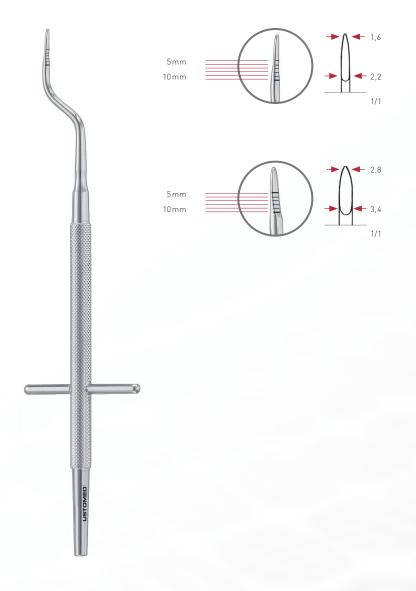
Order Number 27-717-175 Bowman

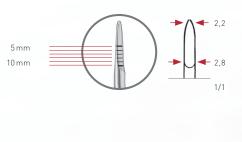
Antrum probe

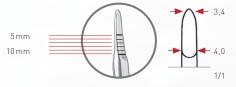
size 3/4

ball-points

Order Number 42-652-034







Condensing: preparation of the implant site when bone structure is compromised





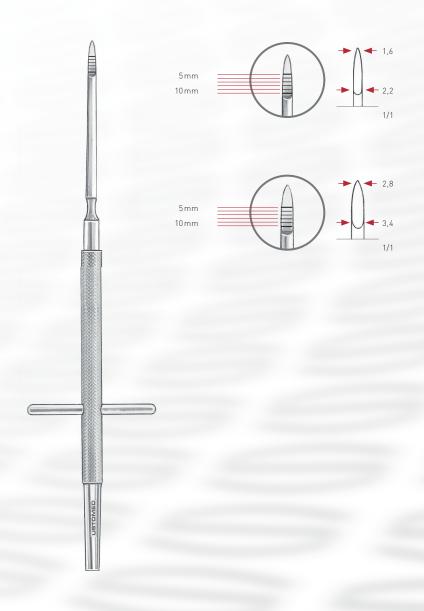
Orig. NENTWIG

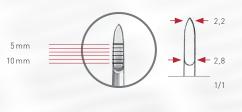
Bone spreading set, 4 pieces

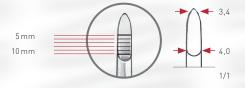
17,5 cm, bajonet

scaled

Order Number 67-559-444







Localized spreading of the narrow ridge





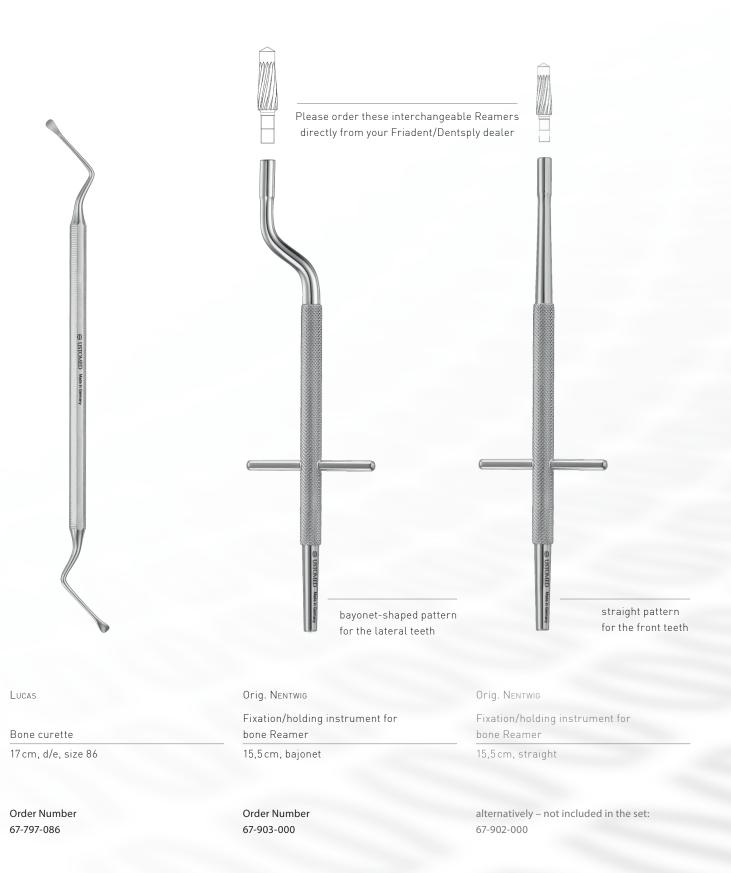
Orig. NENTWIG

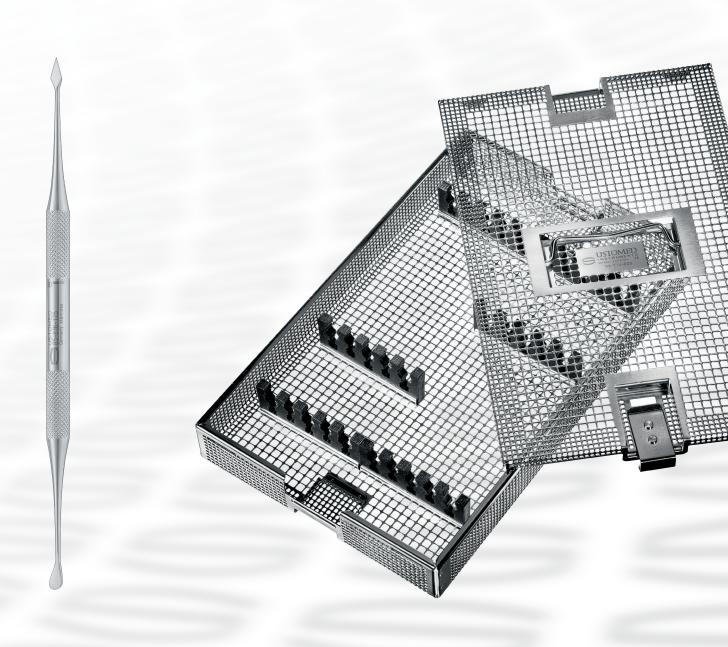
Bone spreading set, 4 pieces

17,5 cm, straight

scaled

alternatively – not included in the set: 67-558-444





USTOMED

Mod. B, Fine papilla raspatory

17,5 cm

Washing basket, Flexi-Kit

270 x 170 x 35 mm

Order Number 85-816-175 Order Number 90-714-000

Constituent Parts:

91-150-000	Original Nentwig Bone-Augmentation Set
24-169-004	Langenbeck, Retractor, size 4,21 cm, 40 x 11 mm
24-191-230	Orig. Nentwig, Zygomatic retractor, 23 cm
31-377-150	LUER, Bone rongeur, 15cm, curved, narrow
67-554-004 S	MINI-LAMBOTTE, Osteotome, 13 cm, 4 mm width, straight, scaled
67-554-008 S	MINI-LAMBOTTE, Osteotome, 13 cm, 8 mm width, straight, scaled
24-193-014	Orig. Nentwig, Special retractor, 24 cm, 14 mm width, right maxilla, left mandible
24-195-014	Orig. Nentwig, Special retractor, 24 cm, 14 mm width, left maxilla, right mandible
31-196-000	Orig. Nentwie, Bone holding and fixation forceps, straight, 13 cm alternatively – not included in the set:
31-197-001	also available with jaws curved to the right
31-199-002	also available with jaws curved to the left
67-638-300	Orig. Nentwig, Mallet, 20 cm, 300 g
90-714-000	USTOMED, Washing basket, 270 x 170 x 35 mm, Flexi-Kit





The Nentwig Zygomatic retractor is specially suited for exposing the vestibular approach site when creating a bone window/flap for sinus floor elevation.

Langenbeck

Retractor

size 4, 21 cm, 40 x 11 mm

Orig. NENTWIG

Zygomatic retractor

23 cm

Order Number 24-169-004 Order Number 24-191-230



LUER

Bone rongeur
15 cm, curved
narrow

Order Number 31-377-150

Міні-Lambotte	Міні-Lамвотте	
Osteotome	Osteotome	
13 cm, 4 mm width	13 cm, 8 mm width	
straight, scaled	straight, scaled	
Order Number	Order Number	
67-554-004 S	67-554-008 S	



The Orig. Nentwo Special retractors are specially intended for exposing the vestibular bone structures of the mandibular body when performing osteotomies or harvesting bone grafts from the mandibular angle or chin regions (right-side and left-side versions).

Special retractor

24 cm, 14 mm width

right maxilla, left mandible

Order Number 24-193-014 Special retractor

24 cm, 14 mm width

left maxilla, right mandible

Order Number 24-195-014

Special retractor

Safe retraction of soft tissue when performing sinus-lift from lateral aspect (combined with Langenbeck Retractor)



11 mm width

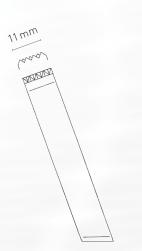
alternatively not included in the set: 24-193-011 / 24-195-011

14 mm width

included in the set: 24-193-014 / 24-195-014

23 mm width

alternatively – not included in the set: 24-193-023 / 24-195-023



alternatively -

24-193-011

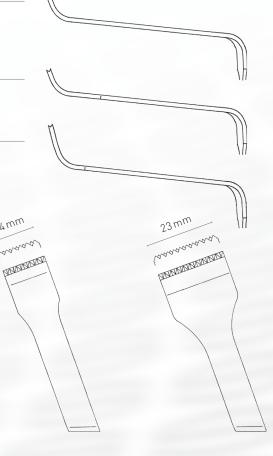
not included in the set:

right maxilla, right maxilla, left mandible left mandible

(included in the set)

14mm

24-193-014



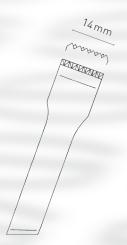
right maxilla, left mandible

alternatively not included in the set: 24-193-023



left maxilla, right mandible

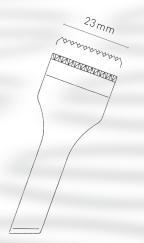
alternatively – not included in the set: 24-195-011



left maxilla, right mandible

(included in the set)

24-195-014



left maxilla, right mandible

alternatively not included in the set: 24-195-011

Special retractor 11 mm or 14 mm

Removal of impacted wisdom-tooth by osteotomy



Harvesting of bone from chin



Special retractor 23 mm

Removal of the buccal soft tissue for safely harvesting a mandibular bone block







Straight jaws

for the use in the frontal area (included in the set)



Jaws curved to the left

for the use in the lateral area alternatively – not included in the set: 31-197-001

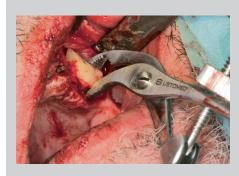


Jaws curved to the right

for the use in the lateral area alternatively – not included in the set: 31-199-002

Bone clamp

Lateral attachement of the bone block to get screw-retained



Attachement of the bone block to the sinus floor prior its fixation by implants



Grasping a bone block to facilitate its manipulation



Orig. NENTWIG

Bone holding and fixation forceps

13 cm, straight

Order Number 31-196-000



Orig. NENTWIG

Mallet, silicone handle

20 cm, 300 g

USTOMED

Washing basket, Flexi-Kit

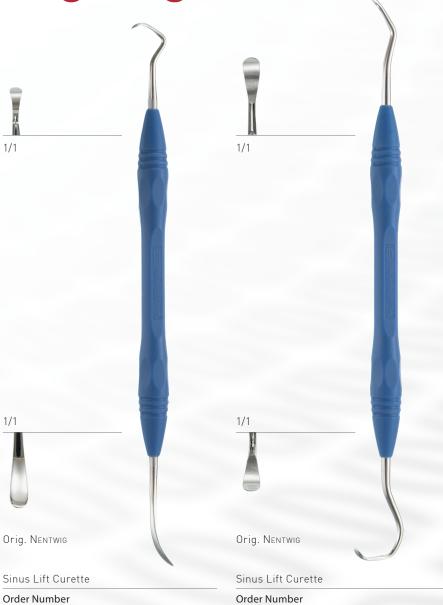
270 x 170 x 35 mm

Order Number 67-638-300 Order Number 90-714-000

03

Original Nentwig Highlights

46-699-001

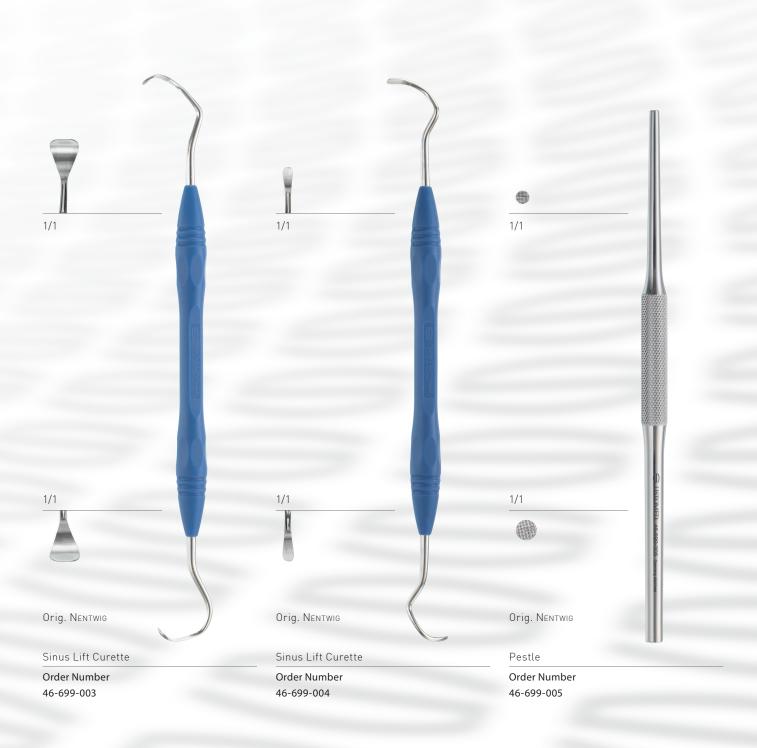


46-699-002

Nentwig Sinus Lift Curettes

Sinus Lift Curettes

Sinus Lift Curettes with comfortable USTO-SOFT silicone handle.









Ustomed Bone-Fixation-Set

For the fixation of bone grafts.

(developed by Dr. Jan Kielhorn, Öhringen/Germany, in cooperation with USTOMED INSTRUMENTE, Tuttlingen/Germany)

This very compact and universally applicable set has been specially designed to meet all the requirements of advanced implantology. It is a real novelty in the market segment!

Innovative Geometry of the Micro Screws

- Precision-milled, cross-recessed screw head
- Patented, self-adaptive screwdriver bit
- Fast and easy pick-up of the self-retaining screws
- Superior friction between the blade and the screw head – no socket rounding
- Significantly easier removal of tissue particles from the cross recess (compared with square socket)



Order Number 68-780-016





Screwdriver

- Optimal handle length perfect for any hand size
- Highly ergonomic handle prevents fatigue in the user's hand
- Easy and self-locating screw pick-up

Box

- Sophisticated and functional storage box made of a novel, hardwearing plastic material invented in the aerospace sector
- Clearly structured design
- Removable ruler for exact measurement of screw length and augmentate
- For all established thermodesinfection and autoclaving procedures thus complying with the latest guidelines of the Robert Koch-Institute/Germany

Ustomed Bone-Fixation-Set

Titanium Micro Screws

- Diameters: 1,2 mm/1,4 mm/1,6 mm
- Lengths: 6 mm/8 mm/11 mm/13 mm



highly enlarged illustrations

Micro Screws made from a new-type implant steel alloy

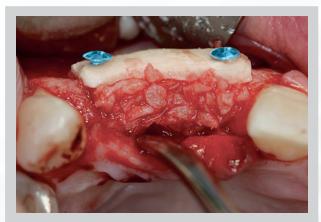
- Diameters: 1,0 mm und 1,2 mm
- Lengths: 8 mm/11 mm/13 mm
- Ideal for very small bone fragments and 3D augmentation
- The special implant steel alloy prevents osseointegration, thus reducing the fracture risk during screw removal (compared with conventional titanium screws)



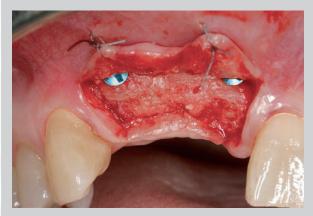
highly enlarged illustrations

Example for application

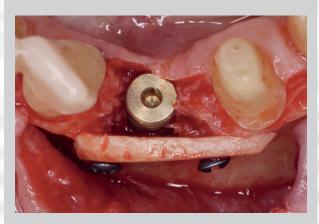
The pictures are provided with kind permission of Dr. Stephan Beuer, M. Sc. (Oral surgeon – Landshut/Germany)



Picture: Dr. Jan Kielhorn



Picture: Dr. Jan Kielhorn



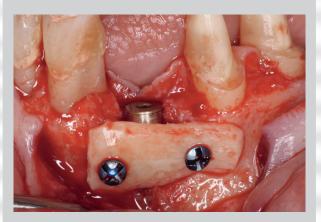
Picture: Dr. Stephan Beuer, M. Sc.



Picture: Dr. Stephan Beuer, M. Sc.



Picture: Dr. Stephan Beuer, M.Sc.



Picture: Dr. Stephan Beuer, M.Sc.

Order Form

Order Number Description		Quantity		
68-780-016	Titan-Bone-Fixation-Set, consisting of:	[]		
68-720-002	Box for Micro-Screws Ø 1,0 mm – 1,6 mm	[]		
68-740-002	Screwdriver, 11 cm	[]		
68-760-102	Selfretaining Blade, cross, 60 mm, Ø 1,0 mm – 1,6 mm	[]		
=	1xPackage Titan-Screws of your choice	ightarrow please check below		
_	1 x Pilot Drill Ø 1,0 mm or Ø 1,2 mm or Ø 1,4 mm	ightarrow depending upon chosen screws		
68-780-010	Implant-Steel-Bone-Fixation-Set, consisting of:	[]		
68-720-002	Box for Micro-Screws Ø 1,0 mm – 1,6 mm	[]		
68-740-002	Screwdriver, 11 cm	[]		
68-760-102	Selfretaining Blade, cross, 60 mm, Ø 1,0 mm – 1,6 mm	[]		
_	1xPackage Implant-Steel-Screws of your choice	ightarrow please check below		
=	1 x Pilot Drill Ø 0,8 mm or Ø 1,0 mm	ightarrow depending upon chosen screws		
	Implant Steel Alloy – Package of 10 pieces			
68-110-008 S	Micro-Screws, Cross, Ø 1,0 mm, 8 mm, Implant Steel Alloy	[]		
68-110-011 S	Micro-Screws, Cross, Ø 1,0 mm, 11 mm, Implant Steel Alloy	[]		
68-110-013 S	Micro-Screws, Cross, Ø 1,0 mm, 13 mm, Implant Steel Alloy	[]		
68-112-008 S	Micro-Screws, Cross, Ø 1,2mm, 8mm, Implant Steel Alloy	[]		
68-112-011 S	Micro-Screws, Cross, Ø 1,2 mm, 11 mm, Implant Steel Alloy	[]		
68-112-013 S	Micro-Screws, Cross, Ø 1,2 mm, 13 mm, Implant Steel Alloy	[]		

Order Form

Order Number	Description	Quantity		
	Titan – Package of 10 pieces			
68-112-006	Micro-Screws, Cross, Ø 1,2 mm, 6 mm	[]		
68-112-008	Micro-Screws, Cross, Ø 1,2 mm, 8 mm	[]		
68-112-011	Micro-Screws, Cross, Ø 1,2mm, 11mm	[]		
68-112-013	Micro-Screws, Cross, Ø 1,2mm, 13mm	[]		
68-114-006	Micro-Screws, Cross, Ø 1,4 mm, 6 mm	[]		
68-114-008	Micro-Screws, Cross, Ø 1,4 mm, 8 mm	[]		
68-114-011	Micro-Screws, Cross, Ø 1,4 mm, 11 mm	[]		
68-114-013	Micro-Screws, Cross, Ø 1,4 mm, 13 mm	[]		
68-116-006	Micro-Screws, Cross, Ø 1,6 mm, 6 mm	[]		
68-116-008	Micro-Screws, Cross, Ø 1,6 mm, 8 mm	[]		
68-116-011	Micro-Screws, Cross, Ø 1,6 mm, 11 mm	[]		
68-116-013	Micro-Screws, Cross, Ø 1,6 mm, 13 mm	[]		
	Blades			
68-760-102	Selfretaining Blade, cross,	[]		
	60 mm, Ø 1,0 mm – 1,6 mm			
68-760-106	Selfretaining Blade, cross,	[]		
	17 mm, Ø 1,0 mm – 1,6 mm, for contra angle handpiece			
	Pilotdrill			
68-508-014	Pilotdrill, Ø 0,8 mm, 14 mm,	[]		
	for Ø 1,0 mm Screws, with depth marking			
68-510-014	Pilotdrill, Ø 1,0 mm, 14 mm,	[]		
/0 510 01/	for Ø 1,2 mm Screws, with depth marking			
68-512-014	Pilotdrill, Ø 1,2mm, 14mm, for Ø 1,4mm Screws, with depth marking	[]		
68-514-014	Pilotdrill, Ø 1,4 mm, 14 mm,	[]		
00 014 014	for Ø 1,6 mm Screws, with depth marking	t j		
68-516-014	Pilotdrill, Ø 1,6 mm, 14 mm,	[]		
	for Ø 1,6 mm Screws, with depth marking			
	Accessories			
68-720-002	Box for Micro-Screws	[]		
	Ø 1,0 mm – 1,6 mm			
68-740-002	Screwdriver, 11 cm	[]		
68-860-008	Micro-Titanium-Plates, 0,6 mm, 8 holes	[]		
68-860-012	Micro-Titanium-Plates, 0,6 mm, 12 holes	[]		

USTOMED Titan-Pin-Set







Titan-Pins

- Available in 3 mm length

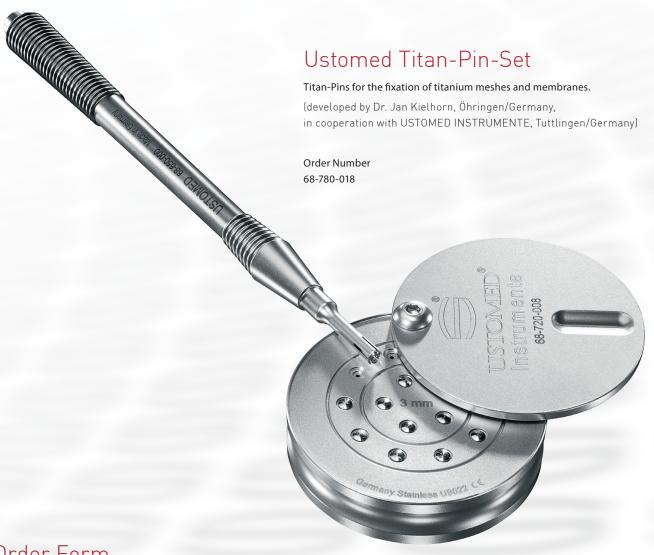
Applicator

- One-piece Instrument for easy pin pick-up
- No torsion during the application
- Convenient handle ensures ergonomic and effortless working

Box

- Functional design
- Easy to open due to one-hand operation
- Storage for 15 pins

USTOMED Titan-Pin-Set



Order Form

Order Number	Description	Quantity
	TI. 81 6	
68-780-018	Titan-Pin-Set, consisting of:	[]
68-720-008	Box for Titan-Pins	
68-650-000	Titan-Pin-Applicator, 15,5 cm	
-	1 x Package Titan-Pins	
	Titan-Pins – Package of 10 pieces	
68-620-003	Titan-Pins, 3 mm	[]

06 Original USTOMED Highlights

USTOMED "Bone-collector"

Thanks to the use of top-quality materials and the sophisticated, gapless design of the bone trap, all parts involved can be machine-processed by thermodisinfector and all customary sterilization methods can be used as well. Fully in line with the latest RKI guidelines (issued by the Robert Koch Institute/Germany).

The bone material accumulating during implant base preparation can be systematically collected in the filter of the suction tube. As the opening of the suction tip has a diameter of 3 mm, even larger chips can be removed easily, without any risk of obstruction. A notch provided on the tip of the suction tube prevents premature suction adherence.



The special form of the filter allows for easy removal of the autologous bone material being collected. The durable plastic filter can be processed in a thermodisinfector as well as autoclaved for multiple use.

The tubing of the suction device can be simply plugged into the bone trap housing, either directly or by using the adapter

supplied with the product.



Ergonomic design, now in stainless-steel version. Suitable for the thermodisinfector.

The "Bone-collector" allows the effortless collection of autogenous bone material that is removed, for example, when preparing

the suction system of your unit. The collected bone material is directly transferred to a sterile filter and can be used for augmentation purposes.

an implant base. Of course, it can be easily integrated into

Bone-collector, complete

incl. 1 filter and 1 adapter

Order Number 38-505-000

3 Spare filters, only

Order Number 38-505-003





06 Original USTOMED Highlights

Micro-Scalpel Handles Micro-Scalpel Blades suitable for Micro-Scalpel Blades in packages of 25 pieces For handles: 02-038-001/02-038-002/02-038-140 Order Number 02-044-063 in packages of 25 pieces For handles: 02-038-001/02-038-002/02-038-140 Order Number 02-044-067 Micro-Scalpel Handles Micro-Scalpel Handles Micro-Scalpel Handles in packages of 25 pieces 14 cm 16 cm For handles: 02-038-001/02-038-002/02-038-140

Order Number

02-038-002

Order Number

02-044-069

Order Number

02-038-140

Order Number

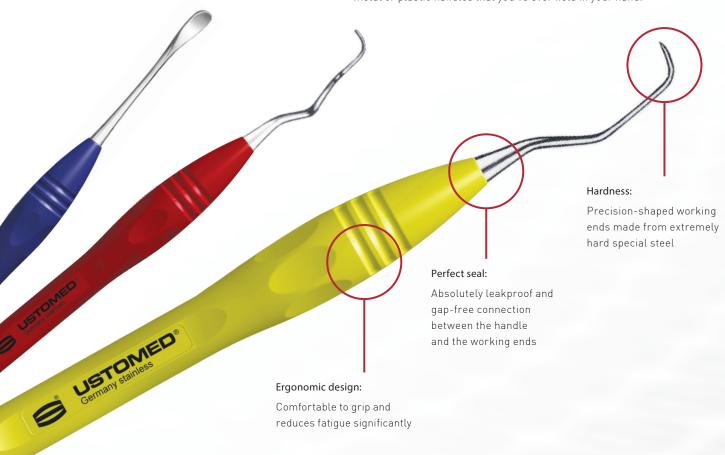
02-038-001

07 USTO-SOFT silicone handles



The comfortable USTO-SOFT silicone handles with colour coding.

Simply forget all the conventional periodontal instruments with metal or plastic handles that you've ever held in your hand!



Brand new and optimised:

- Extremely comfortable and non-slip USTO-SOFT silicone handles.
- Optimal adaptation to the finger pressure applied.
- Developed to incorporate the latest ergonomic advances.
- Significantly less fatigue than when working with conventional periodontal instruments with metal or plastic handles.
- Colour-coding ensures quick and reliable identification of the individual instrument types.
- Working ends made from extremely strong, hardened and tempered special steel.
- Precision-shaped, hand-made working ends

- Our special hardening process guarantees outstanding cutting performance and a far superior service life.
- The latest injection moulding technology ensures absolutely leakproof and gap-free connection between the handle and the working end.
- Optimal cleaning properties (Robert Koch-Institute guidelines!)
- Suitable for all conventional disinfection and sterilisation processes.
- Absolutely colourfast and lightfast special silicone handle medically tested (FDA-approved!)

07 USTO-SOFT silicone handles

Curettes

1/1			
		TII	
1/1		111	
1/1			
1/1	The control of the co	1111	
1/1			
	1/1	1/1	1/1

Scalers

H6/H7, black		
Order Number 85-719-067	1/1	
204 S, grey		
Order Number		
85-729-204	1/1	
Complete set		
(6 instruments + 1 sterilizing frame)		
Order Number		
91-320-006	1/1	

Periodontal dissector for soft tissue preparation

Mod. W.			
Order Number 85-808-000	1/1		
Papilla eleva	tor, atraumatic		
Mod. W. Order Number			
85-812-000	1/1		

Papilla raspatory, fine

	<i>y</i> ·	
Mod. W.		
Order Number		
85-816-000	1/1	

DAMAP Medical



USTOMED INSTRUMENTE Ulrich Storz GmbH & Co. KG

Hersteller von Chirurgie- und Dentalinstrumenten

Manufacturer of Surgical and Dental Instruments

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