MONDEAL
MEDICAL SYSTEMS GMBH

MONDE|*pre-implant*

The ARCS system meets the requirements of modern implantology. The atrophied alveolar crest causes problems in case of supply of enossal implants due to missing bone structure. This can be remedied by autologous bone grafts. A simple method to attach the bone grafts to the jaw is to fix them using micro-screws, either directly or in combination with titanium micromesh.

- Three-dimensional reconstruction of the alveolar crest
- Fixation system of bone blocks, titanium mesh, Sinus Implant Stabilizer and microplates
- Possibility of an individual assortment of the system
- Fast bone healing
- Possibility of exclusive use of autologous bone
- Low risk of infection

OMF / Oral Maxillo Facial

MONDE | *pre-implant*

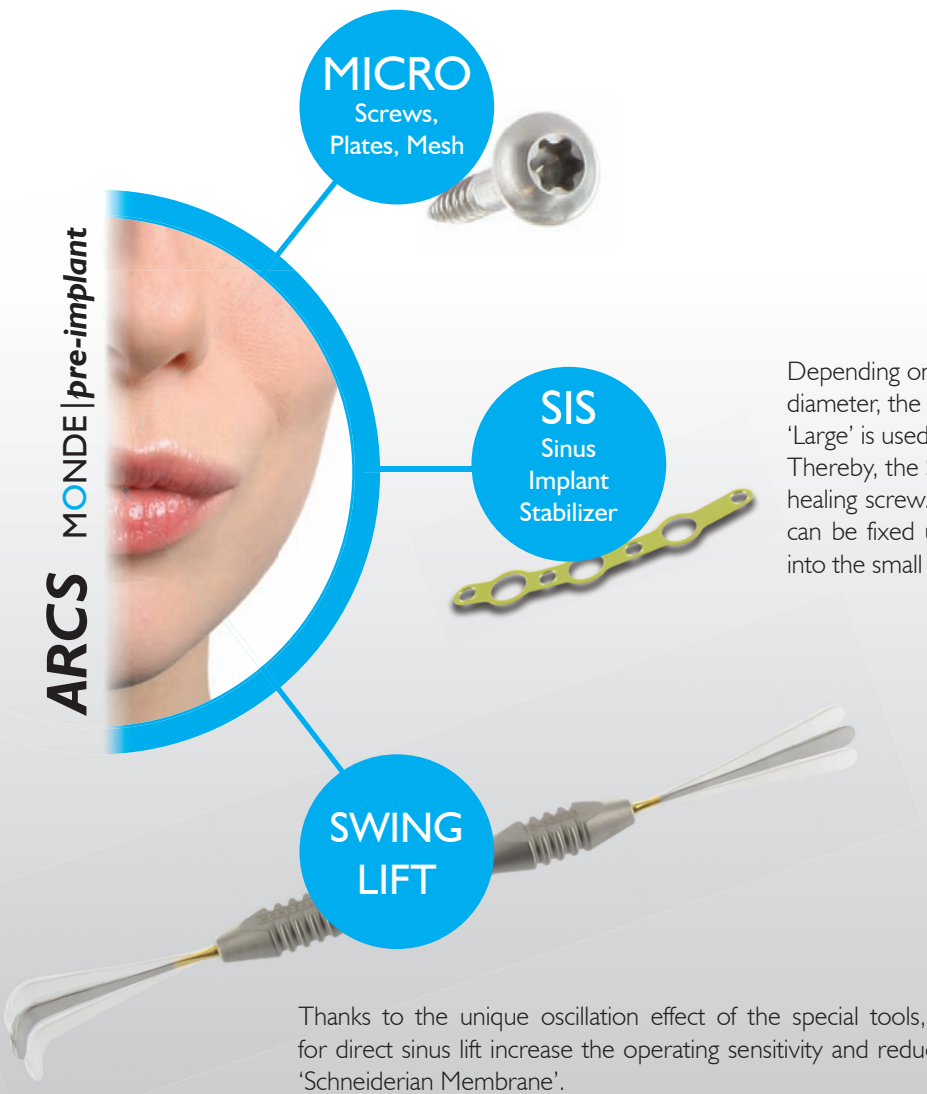
ARCS

Table of Contents

The **ARCS System** ist compatible to the **MONDEAL MICRO 1200** Osteosynthesis-System.

Overview

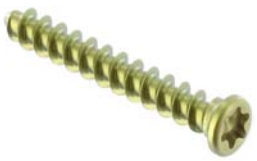
- Self-tapping and self-drilling screws in approved titanium implant quality
- Microplates with 0.6 mm thickness (find more plates in MICRO 1200 System)
- MICRO MESH for a solid covering of large bone defects after filling with autologous bone grafts or bone regeneration materials
- Titanium membranes for the covering of medium and small bone defects as barrier between gingiva and bone



Depending on the implant system and the SIS implant diameter, the SIS-version 'Standard' or the SIS-version 'Large' is used.
Thereby, the SIS is fixed between the implant and the healing screw. Additionally, the SIS implant composite can be fixed using the ARCS micro screws which fit into the small holes in the SIS.

Thanks to the unique oscillation effect of the special tools, the SWING LIFT instruments for direct sinus lift increase the operating sensitivity and reduce the risk of perforation of the 'Schneiderian Membrane'.

Self-tapping Screws „Regular“ (Packaging: 5/ea.)



MCD Screw

Art. No.	Diameter x Length
31-91204	1.2 x 4 mm
31-91205	1.2 x 5 mm
31-91206	1.2 x 6 mm
31-91207	1.2 x 7 mm
31-91208	1.2 x 8 mm
31-91211	1.2 x 11 mm
31-91213	1.2 x 13 mm
31-91215	1.2 x 15 mm

CROSS-FIT Screw

Art. No.	Diameter x Length
31-81204	1.2 x 4 mm
31-81205	1.2 x 5 mm
31-81206	1.2 x 6 mm
31-81207	1.2 x 7 mm
31-81208	1.2 x 8 mm
31-81211	1.2 x 11 mm
31-81213	1.2 x 13 mm
31-81215	1.2 x 15 mm

MCD Emergency Screw

Art. No.	Diameter x Length
31-91504	1.5 x 4 mm
31-91506	1.5 x 6 mm
31-91511	1.5 x 11 mm
31-91513	1.5 x 13 mm
31-91515	1.5 x 15 mm

CROSS-FIT Emergency Screw

Art. No.	Diameter x Length
31-81504	1.5 x 4 mm
31-81506	1.5 x 6 mm
31-81511	1.5 x 11 mm
31-81513	1.5 x 13 mm
31-81515	1.5 x 15 mm

Self-drilling Screws „Advanced“ (Packaging: 1/ea.)

- Self-drilling screws with matching thread for osseointegration
- Smooth shaft for the transplant
- Approved titanium implant quality

MCD Screw

Art. No.	Diameter x Length
31-51208	1.35 x 8 mm
31-51210	1.35 x 10 mm
31-51212	1.35 x 12 mm
31-51214	1.35 x 14 mm

CROSS-FIT Screw

Art. No.	Diameter x Length
31-41208	1.35 x 8 mm
31-41210	1.35 x 10 mm
31-41212	1.35 x 12 mm
31-41214	1.35 x 14 mm

Microplates (Packaging: 1/ea.) Thickness: 0.6 mm

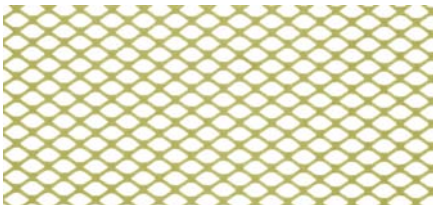
12-06108 8-hole Plate straight

12-06162 6-hole X-Plate

More microplates please find in our brochure MICRO 1200.

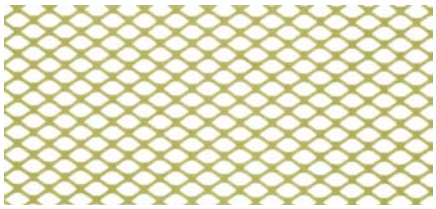
Titanium MICRO-MESH (Packaging: 1/ea.)

Indications: For stable coverage of large bone defects after filling with autologous bone grafts or bone regeneration materials. Resting time of the Titanium Mesh: approx. 3-4 months.



MICRO-MESH, Thickness: 0.1 mm

Art. No.	Length x Width x Thickness
12-07002	100 x 60 x 0.1 mm



MICRO-MESH, Thickness: 0.2 mm

Art. No.	Length x Width x Thickness
12-07012	100 x 60 x 0.2 mm

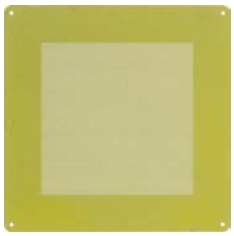
25-00430 MESH cutter

Titanium Membranes (Packaging: 1/ea.)

ARCS Titanium Membrane

Art. No.	Length x Width x Thickness
31-00230	30 x 25 x 0.02 mm

Indications: For the covering of medium and small bone defects as barrier between gingiva and bone. Three-dimensional augmentation of alveolar crest – optionally in combination with autologous bone grafts or bone regeneration materials. Resting time of the Titanium Membrane: approx. 2-4 months.



ARCS Titanium Membrane, micro-perforated

Art. No.	Length x Width x Thickness
31-00233	30 x 30 x 0.03 mm

Ti-Pore Membrane: In comparison to normal membranes, Ti-Pore membranes are characterized by the micro perforation in the center of the membrane. This special feature assures the volume of the reclaim and provide an optimal position stability of the augmented material for perfect aesthetic results.

Both titanium membranes can be customized!

ARCS PIN (Packaging: 5/ea.)

31-01203 Titanium Pins 3 mm, with thread

31-01213 Titanium Pins 3 mm, without thread

31-01205 Titanium Pins 5 mm, with thread

31-01215 Titanium Pins 5 mm, without thread

ARCS PIN

31-01220 Pin Placement Instrument straight, complete, 3 parts
consisting of:
31-01222 Placement adaptor straight, with cover cap
31-01223 Handle for Placement Instrument

31-01219 Pin Placement Instrument angled, complete, 3 parts
consisting of:
31-01221 Placement adaptor angled, with cover cap
31-01223 Handle for Placement Instrument

31-01226 Blade for Titanium Pins, DENTAL
for removal of the pins with thread

31-01255 Drill for pins and foils, DENTAL

33-18235 Handle for blades, DENTAL

31-01230 Tray for 15 Titanium Pins

31-01075 ARCS Membrane Perforator and Spatula, 18 cm

Drills

for Screws „Regular“ (see page 4)

For angled handpiece	Art. No.	Diameter x Length	Working Length (WL)	End
	12-12620	1.0 x 20 mm	5 mm	Dental
	12-12622	1.0 x 23 mm	8 mm	Dental
	12-12623	1.0 x 25 mm	10 mm	Dental
	12-12625	1.0 x 30 mm	15 mm	Dental

For the drilling of the gliding hole in the bone graft	Art. No.	Diameter x Length	Working Length (WL)	End
	11-12622	1.4 x 23 mm	10 mm	Dental
	10-67515	1.5 x 23 mm	10 mm	Dental

for Screws „Advanced“ (see page 4)

Drill Gliding Hole for bone transplants	Art. No.	Diameter x Length	Working Length (WL)	End
	11-12622	1.4 x 23 mm	10 mm	Dental

Pilot Drill (optional)	Art. No.	Diameter x Length	Working Length (WL)	End
	12-12623	1.0 x 25 mm	10 mm	Dental
	12-12625	1.0 x 30 mm	15 mm	Dental

Instruments

for Screws „Regular“ (see page 4)

12-12019	✚	CROSS-FIT screwdriver with holding device (consisting of 12-12054 and 12-12000)
84-KS0-100	✱	MCD screwdriver with holding device (consisting of 84-SL0-4000 and 12-12000)

12-12054	✚	CROSS-FIT holding device, not self-retaining, 3 parts Set consisting of: 12-12055 CROSS-FIT blade, not self-retaining 12-12056 Sleeve 12-12057 Tension sheath
84-SL0-4000	✱	MCD holding device, not self-retaining, 3 parts Set consisting of: 84-SK0-4001 MCD blade, not self-retaining 12-12056 Sleeve 12-12057 Tension sheath

12-12000	Screwdriver handle, 9 cm

12-12066	Screwdriver handle, short, 6 cm

12-12008	✚	CROSS-FIT blade, self-retaining
84-SK0-4000	✱	MCD blade, self-retaining

12-12018	✚	CROSS-FIT, Screwdriver fixed, 13 cm, self-retaining
84-SS0-1000	✱	MCD, Screwdriver fixed, 13 cm, self-retaining

Instruments

for Screws „Regular“ (see page 4)

12-12009	✚	CROSS-FIT blade, short, 20 mm, DENTAL, self-retaining, for angled handpieces
84-SK0-2000	✪	MCD blade, short, 20 mm, DENTAL, self-retaining, for angled handpieces

33-18235	Handle for blades, DENTAL

for Screws „Advanced“ (see page 4)

11-12000	Screwdriver handle 10 cm

11-12025	✚	CROSS-FIT blade, self-retaining
11-12026	✪	MCD blade, self-retaining

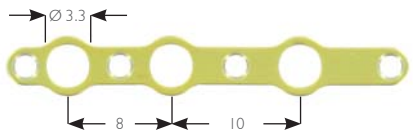
26-30300	Depth measuring gauge 1.2 mm

SIS - Sinus Implant Stabilizer (Packaging: 1/ea.)

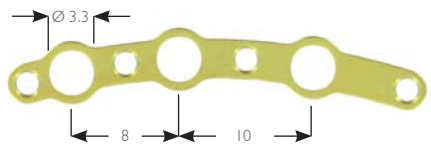
Plate thickness: 0.6 mm

acc. to Prof. Dr. M. Lang, Nürnberg

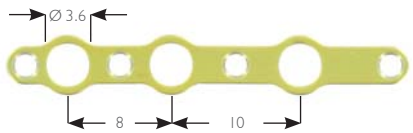
- The implant and the healing screw must have a diameter larger than 3.3 mm (respectively 3.6 mm). Depending on implant system and implant diameter, the SIS-Version „Standard“ or SIS-Version „Large“ should be used.
- Handling: The SIS is fixed between the implant and the healing screw. Additionally, ARCS micro-screws connecting SIS and bone can be used for the fixation of the combination.
- In general, the SIS can be used with the enossal implants of the following manufactures and their models: Branemark - Nobel Biocare, Osseotite 3i - Implant Innovations®, Ankylos® - Friadent Dentsply, Bonefit-Straumann, Replace - Nobel Biocare, Camlog-Altatec, Xive - Friadent Dentsply, Sky Implant - Bredent and others (subject to change)



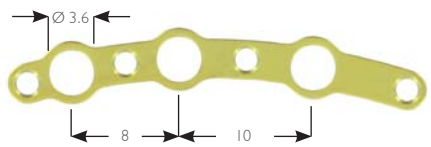
12-06350	SIS Sinus Implant Stabilizer, standard



12-06351	SIS Sinus Implant Stabilizer, standard, curved



12-06352	SIS Sinus Implant Stabilizer, large



12-06353	SIS Sinus Implant Stabilizer, large, curved

12-12070	Drill guide, 1/ea. (2 ea. recommended)

SWING-LIFT Instruments

Thanks to the unique oscillation effect of the instruments no. 1, 2 and 3 the SWING-LIFT Instruments for direct sinus lift increase the operating sensitivity and reduce the risk of perforation of the 'Schneiderian Membrane'.

18-33001	Swing-Lift instrument no.1, small hook, angled

18-33002	Swing-Lift instrument no. 2, hook, angled

18-33003	Swing-Lift instrument no. 3, spatula, straight/angled

18-33004	Swing-Lift instrument no. 4, spoon/condenser

Container

31-TD5-2001	ARCS tray for instruments and implants (empty)

Notes

Notes

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