

SCOREN

SHAVER, CARDIO, ORTHO, RECONST, ENT, NEURO

High-Speed Surgical Motor System



Empowering Surgeons, The All-in-One Power Tool

High-speed motors enhance performance

Special attachments for a wide range of surgery types

Intuitive user interface simplifying workflow

Precise parameter settings for the best outcome

 hermann
müller





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S HAVER
Arthroscopic shave systems,
Ergonomic autoclavable
Rotational and oscillation control



C ARDIO
Cardiovascular Surgery
Sternum & Re-Operation Saw
High-Low Speed options



O RTHO
Six different trigger functions,
Drilling, Reaming, Screwing, Tapping
Sagittal & Reciprocating Saw



R ECONST
Skin Transp. Dermatome Sys.
Ceramic & SS Blades
Skin Graft Mesher & Carrier

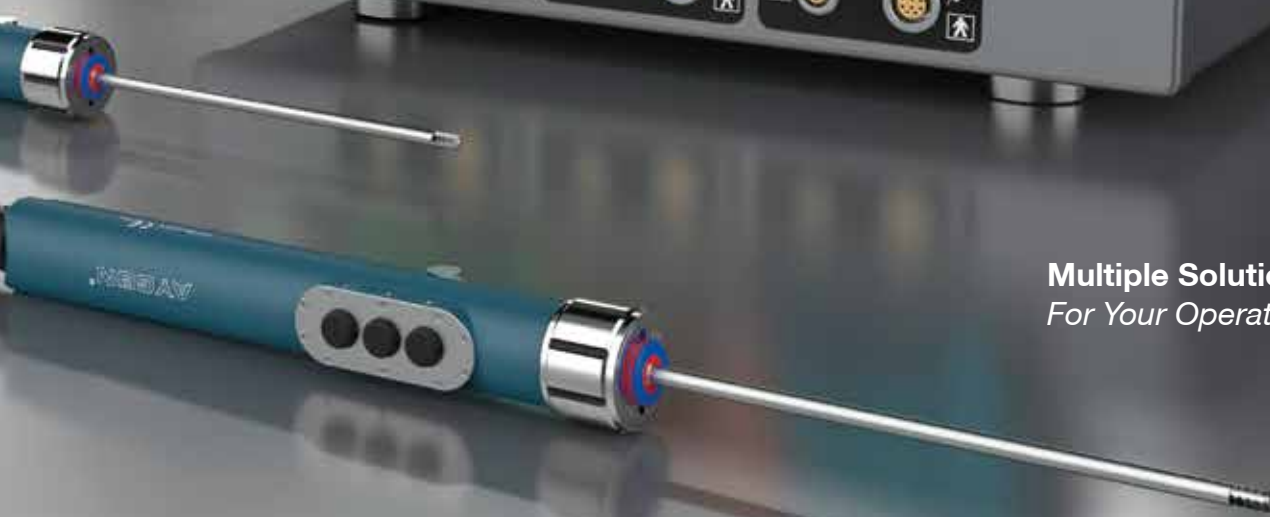


E NT
Micro Oscillating Saw
Micro Sagittal Attachment
Skin Abrasion Systems



N EURO
Straight, Angled and Curved
Cranial Cutter, Perforator, Trepan
Rosen, Diamond & Tungsten burs





Multiple Solution
For Your Operations



System General Features

- 10.1 inch large wide view colourful display with capacitive touch screen
- The ability to instantly display the Speed, Pedal and Torque values of the handpieces
- Special for each handpiece; Torque, Pedal, Oscillation, Irrigation setting menus
- Automatic activation/deactivation of menus based on handpieces properties
- Precise speed, torque and oscillation adjustment
- Ability to change settings during operation
- Menu with LED status indicator and power button
- Quick opening feature
- High performance operation, real-time response and fast switching between screens
- High user experience, visually enriched interface
- Possibility to use cables up to 5 m long
- Speed regulation function
- Advanced motor error management
- Control can be done with buttons and triggers on the handpieces
- A single console can be used in various operations, meeting different needs and providing ease of use to the operator.

1

Handpiece Speed and Direction Adjustment

- The motor can be adjusted at the desired speed
- Instant display of speed values
- Ability to adjust motor rotation direction via touch screen and pedal
- Ability to see the motor direction on the screen

2

Torque Properties

- Automatic torque adjustment according to the recognized handpiece
- Manual and precise torque adjustment
- Predefined torque settings; Cranial mode, Spinal mode, Metal cutter and Light mode

3

Oscillation Properties

- Automatic oscillation adjustment according to recognized handpiece
- Special oscillation setting for screwing and tapping operations
- Configuring the oscillation setting
- Light, Medium, Aggressive modes for Shaver handpiece



Numerical information



4

Pedal Properties

- 2 different pedal options
- Forward/reverse direction selection
- Adjustable pedal functions
- Irrigation on / off

5

Irrigation Properties

- 2 irrigation units that can work independently
- On/Off function
- Adjustment of irrigation flow as desired
- Manual flow mode
- Continuous flush flow mode

6

Usage Properties

- 3 motor and 3 pedal connector outputs
- Recognition of 9 different types of handpieces and auto-adjusting their features
- Ability to work independently of 3 handsets at full power at the same time
- Recognition of 2 different types of pedals and auto-adjusting their properties

7

Menu Properties

- User-friendly and guiding help menu
- Adjustable volume
- Automatic or manually adjustable display illumination
- Multi-language option with visual and audio

S 90K

Max. Speed 90.000 RPM



Shaver with and without buttons

Max. Speed 7.000 RPM
Min. Speed 500 RPM
Oscillation Mode



Perforator

Max. Speed 1.100 RPM



Craniotome

Max. Speed 90.000 RPM

Drill

Drill Mode 1.200 RPM
Drill Oscillation Mode 1200 CPM
Screwing Mode 150 RPM
Guide Mode 150 RPM
Reamer Mode 300 RPM
Reamer Oscillation Mode 300 RPM



S 20K

Max. Speed 20.000 RPM



S 40K

Max. Speed 40.000 RPM



Sagittal

11000-14000 CPM / 4° 50'
High-Slow Speed Option



Sternum

11000-14000 CPM / $\leftarrow \rightarrow$ 4 mm
High-Slow Speed Option



TOUCH SCREEN CONSOLE



M16-405
Scoren Power Console

- Dimensions: 365 x 360 x 200 mm
- Weight: 8200 g

Main Screen

- Motor Recognition Feature
- Adjustable speed
- Forward / reverse / oscillation mode
- Menu buttons

Torque Menu

- Manual torque setting
- Cranial mode 4,0 N.cm
- Spinal mode 3,0 N.cm
- Metal cut mode 5,5 N.cm
- Light mode 1,0 N.cm

Oscillation Menu (100 ms - 2000 ms)

- Manual oscillation setting
- Light mode 1000 ms
- Medium mode 500 ms
- Aggressive mode 200 ms

Irrigation Menu

- On-off function
- Manual control between 10-100 ml
- Manual flow mode
- Continuous flush flow mode

Foot Pedal

- Progressive mode
- Fixed speed mode

Backlight Menu

- Adjustable low and high
- screen brightness

IRRIGATION PUMP



- Easily attachable irrigation hose
- 10-100 ml irrigation rate per minute

M6-122
Console
Irrigation Rack

M6-121
Tubing Set



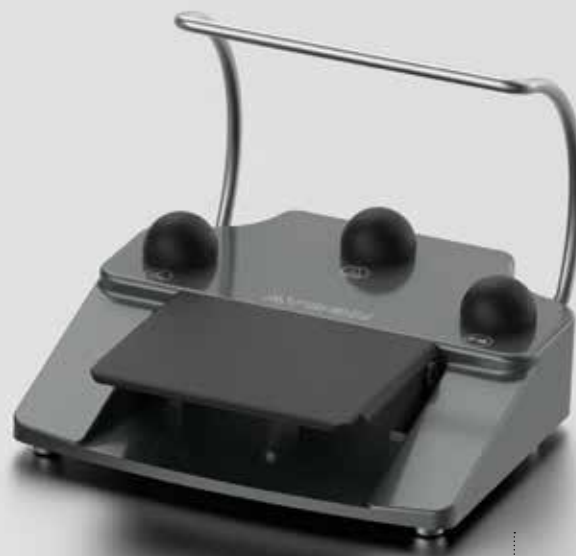
FOOT PEDALS



M16-059

SCOREN Dual Control Pedal

Motor changeover button
 Irrigation On / Off button
 Foot pedal progressive / Fixed speed button
 1 or 2 sec. delayed start function
 Delayed start function On / Off
 Dimensions: 220 x 225 x 100 mm
 Weight: 2300 g



M16-058

SCOREN Mono Control Pedal

Motor Forward / Reverse button
 Irrigation On / Off button
 Foot pedal progressive / Fixed speed button
 1 or 2 sec. delayed start function
 Delayed start function On / Off
 Dimensions: 220 x 225 x 100 mm
 Weight: 2300 g



M14-311

Foot Control Pedal Cable (4 m. long)

NEURO

Straight, Angled and Curved
Cranial Cutter, Perforator, Trepan
Rosen, Diamond & Tungsten burs

Suitable attachments for Neuro and Spine surgery applications

Perforator, Craniotome, Straight, Angular and Curved Attachment options

Higher and precise cutting speed for neurosurgical operations

Rosen, Diamond, Tungsten, Acorn, Bud and Neuro Burrs

Easy handling & keyless assembly





HIGH TORQUE MOTOR & MOTOR CABLE



M16-059
Dual Control Pedal



M16-058
Mono Control Pedal



M14-311
Foot Control
Pedal Cable



M300-223
Motor Cable
(4 m. long)

1/2

M16-302
SCOREN 90.000 Rpm Motor
Swiss Made Powerful Brushless DC Motor Technology

- Autoclavable
- Operating Speed: 90.000 rpm / (Adjustable Maximum Speed)
- Torque: 5,5 N.cm
- Dimensions: 117 x 20 mm
- Weight: 170 g



PERFORATOR



M16-352
 SCOREN Perforator Motor

- 1.100 rpm / 4 Nm
- Dimension: 185 x 40 mm
- Weight: 550 g



M7-120
 Trepan (Ø 6/9 mm)



M7-121
 Trepan (Ø 9/12 mm)

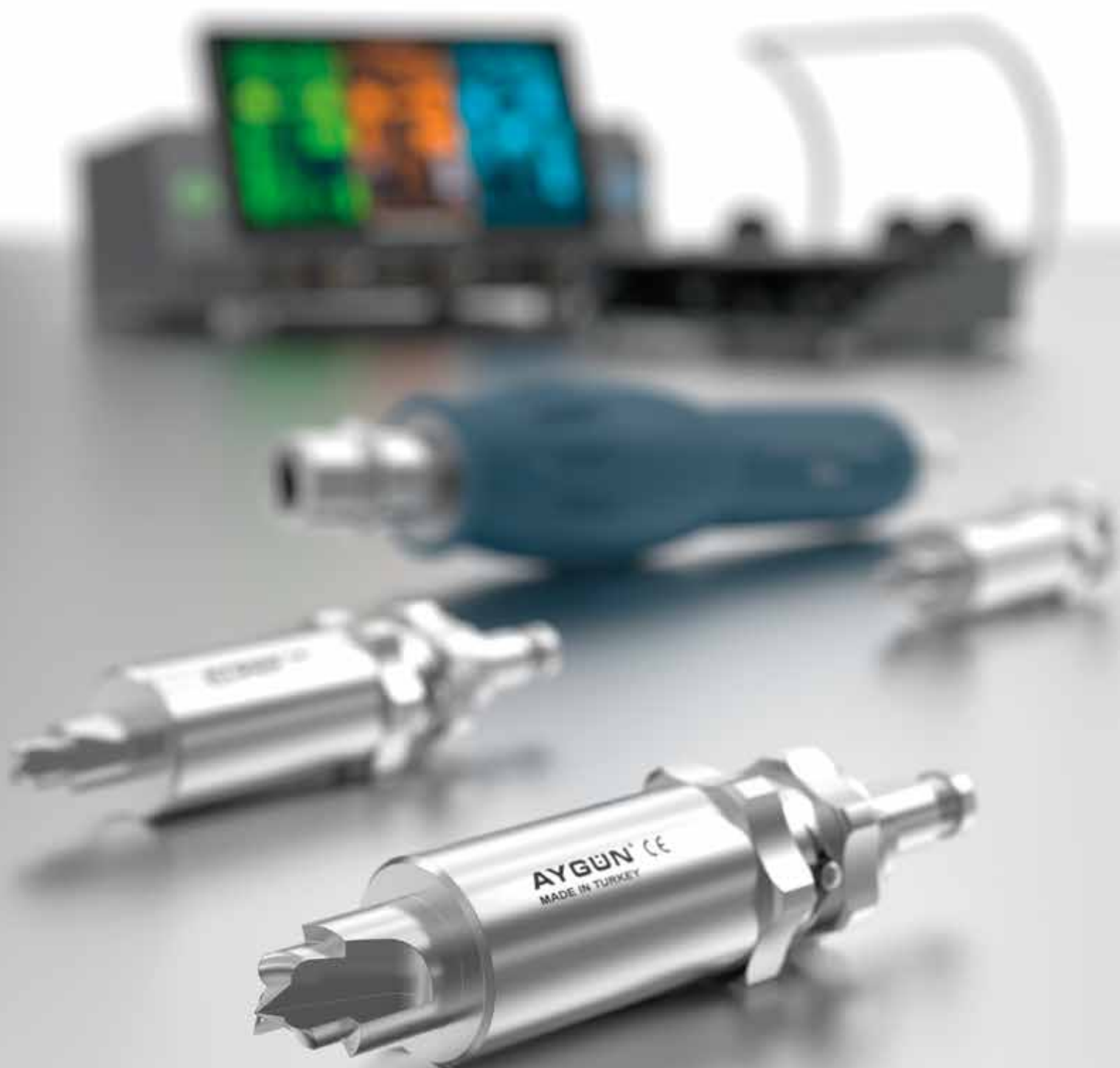


M7-122
 Trepan (Ø 12/15 mm)

- Skull trepans
- With step-down drilling
- Automatic cut-out
- No key needed



M300-223
 Motor Cable
 (4 m. long)



*Excellence
For Your Operations*



MINI CRANIOTOME



M16-315
 SCOREN Mini Craniotome

1/2

/ ROTATIONAL GUIDE



M14-324
 Pediatric guide

1/2



M14-325
 Adult guide

1/2



M14-326
 Laminectomy guide

1/2

/ FIXED GUIDE



M14-321
 Pediatric guide

1/2



M14-322
 Adult guide

1/2

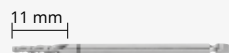


M14-323
 Laminectomy guide

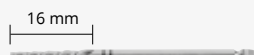
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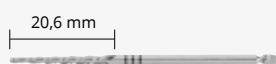
M14-337
 Drill limit attachment



M14-327 Pediatric craniotome blade



M14-328 Adult craniotome blade



M14-329 Laminectomy craniotome blade



CRANIOTOME



M16-330 79 mm
SCOREN Craniotomy

1/2

/ ROTATIONAL GUIDE



M16-346
Pediatric guide,
Rotational

1/2



M16-347
Adult guide,
Rotational

1/2

/ FIXED GUIDE



M16-340
Pediatric guide

1/2



M16-341
Adult guide

1/2



M16-342
Laminectomy guide

1/2



M16-331
Drill limit attachment

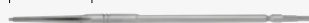
1/2

13 mm



M14-343 Pediatric craniotomy blade

17 mm



M14-344 Adult craniotomy blade

22 mm



M14-345 Laminectomy craniotomy blade



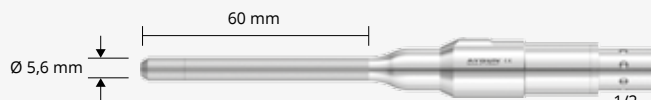
STRAIGHT ATTACHMENTS



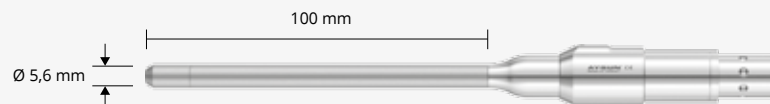
M16-100 85 mm
 Straight Attachment



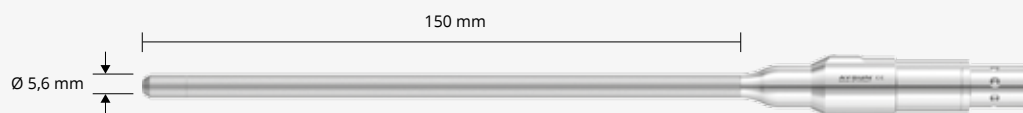
M16-110 105 mm
 Straight Attachment



M16-120 125 mm
 Straight Attachment



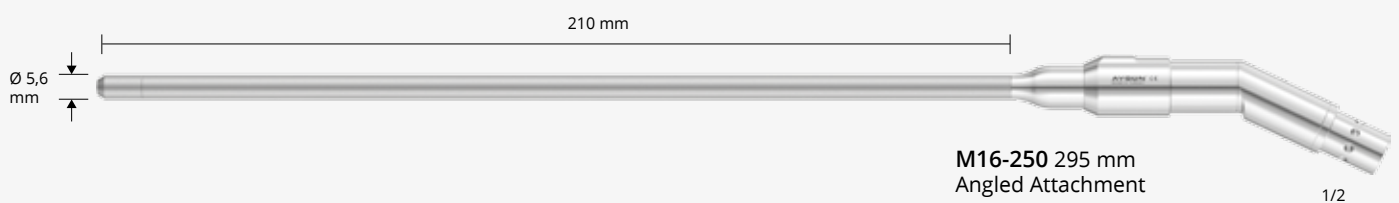
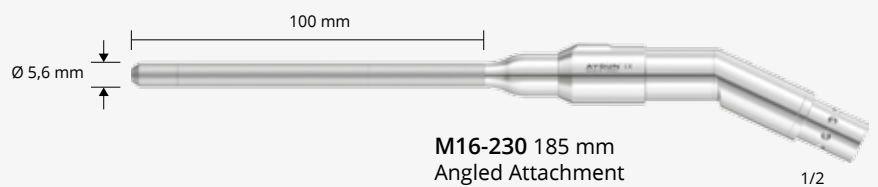
M16-130 165 mm
 Straight Attachment

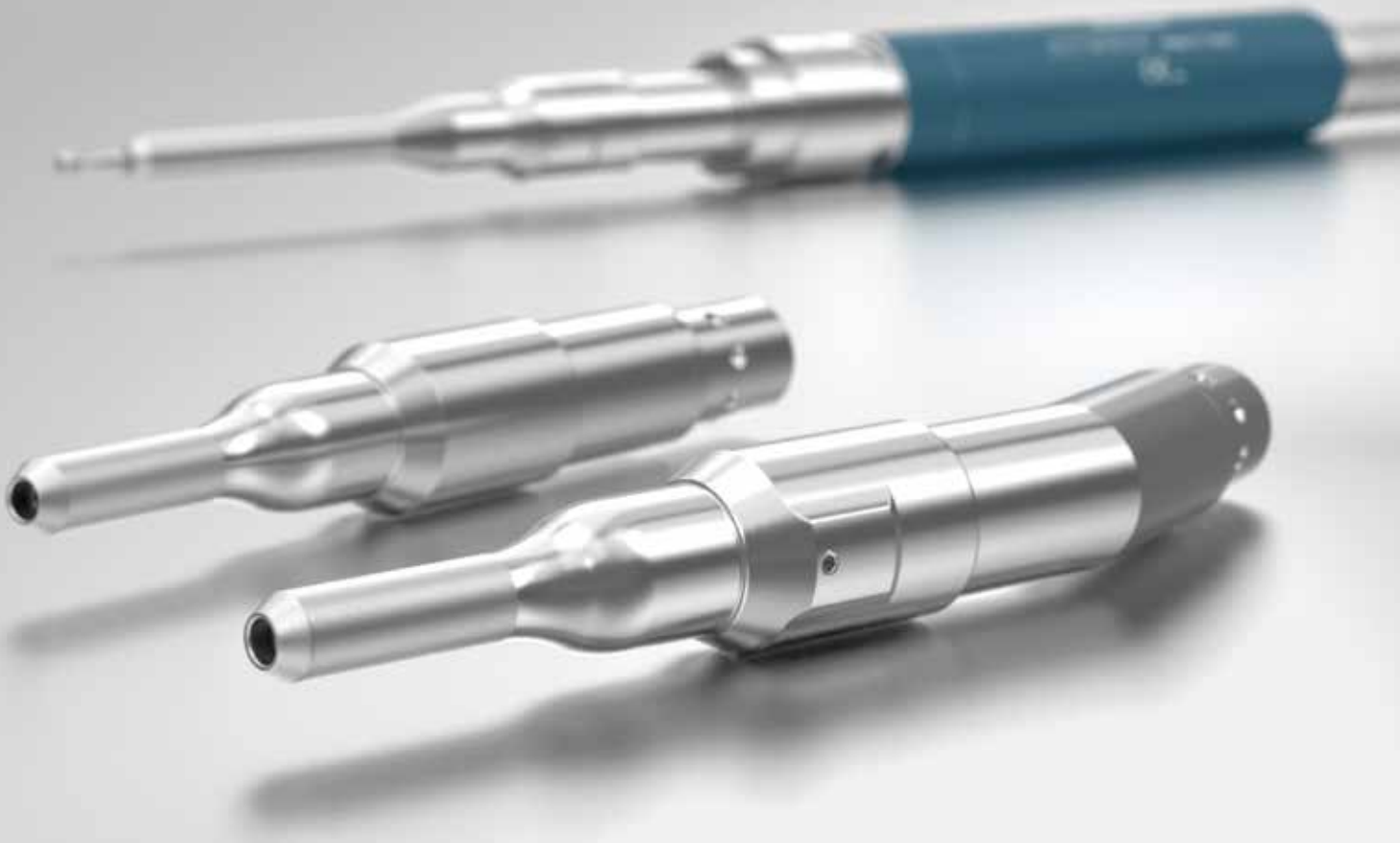


M16-160 215 mm
 Straight Attachment



ANGLED ATTACHMENTS





**ROSEN DRILL TABLE FOR
 STRAIGHT & ANGLED ATTACHMENTS**

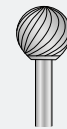


ROSEN

ATTACHMENTS	1,0 mm	1,4 mm	2,3 mm	3,1 mm	3,5 mm	4,0 mm	4,5 mm	5,0 mm	6,0 mm	7,0 mm
M16-100 M16-200	M14-410	M14-411	M14-412	M14-413	M14-900	M14-901	M14-414	M14-415	M14-416	M14-417
M16-110 M16-210	M14-450	M14-451	M14-452	M14-453	M14-906	M14-907	M14-454	M14-455	M14-456	M14-457
M16-120 M16-220	M14-490	M14-491	M14-492	M14-493	M14-912	M14-913	M14-494	M14-495	M14-496	M14-497
M16-130 M16-230	M14-530	M14-531	M14-532	M14-533	M14-918	M14-919	M14-534	M14-535	M14-536	M14-537
M16-160 M16-240	M14-570	M14-571	M14-572	M14-573	M14-924	M14-925	M14-574	M14-575	M14-576	M14-577
M16-250	M14-610	M14-611	M14-612	M14-613	M14-930	M14-931	M14-614	M14-615	M14-616	M14-617



TUNGSTEN DRILL TABLE FOR STRAIGHT & ANGLED ATTACHMENTS



TUNGSTEN
HIGH SPEED

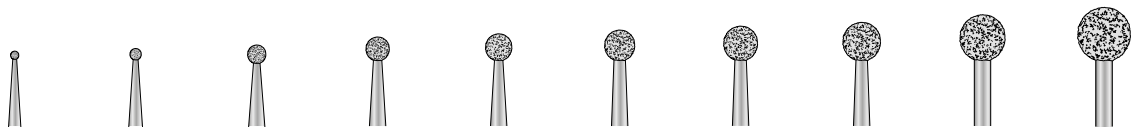
ATTACHMENTS	1,0 mm	1,4 mm	2,3 mm	3,1 mm	3,5 mm	4,0 mm	4,5 mm	5,0 mm	6,0 mm	7,0 mm
M16-100 M16-200	M14-420	M14-421	M14-422	M14-423	M14-902	M14-903	M14-424	M14-425	M14-426	M14-427
M16-110 M16-210	M14-460	M14-461	M14-462	M14-463	M14-908	M14-909	M14-464	M14-465	M14-466	M14-467
M16-120 M16-220	M14-500	M14-501	M14-502	M14-503	M14-914	M14-915	M14-504	M14-506	M14-507	M14-508
M16-130 M16-230	M14-540	M14-541	M14-542	M14-543	M14-920	M14-921	M14-544	M14-545	M14-546	M14-547
M16-160 M16-240	M14-580	M14-581	M14-582	M14-583	M14-926	M14-927	M14-584	M14-585	M14-586	M14-587
M16-250	M14-620	M14-621	M14-622	M14-623	M14-932	M14-933	M14-624	M14-625	M14-626	M14-627



**DIAMOND DRILL TABLE FOR
 STRAIGHT & ANGLED ATTACHMENTS**



DIAMOND



ATTACHMENTS	1,0 mm	1,4 mm	2,3 mm	3,1 mm	3,5 mm	4,0 mm	4,5 mm	5,0 mm	6,0 mm	7,0 mm
M16-100 M16-200	M14-430	M14-431	M14-432	M14-433	M14-904	M14-905	M14-434	M14-435	M14-436	M14-437
M16-110 M16-210	M14-470	M14-471	M14-472	M14-473	M14-910	M14-911	M14-474	M14-475	M14-476	M14-477
M16-120 M16-220	M14-510	M14-511	M14-512	M14-513	M14-916	M14-917	M14-514	M14-515	M14-516	M14-517
M16-130 M16-230	M14-550	M14-551	M14-552	M14-553	M14-922	M14-923	M14-554	M14-555	M14-556	M14-557
M16-160 M16-240	M14-590	M14-591	M14-592	M14-593	M14-928	M14-929	M14-594	M14-595	M14-596	M14-597
M16-250	M14-630	M14-631	M14-632	M14-633	M14-934	M14-935	M14-634	M14-635	M14-636	M14-637









NEURO DRILL TABLE FOR STRAIGHT & ANGLED ATTACHMENTS



NEURO



**NEURO
DIAMOND**

ATTACHMENTS	 1,8 mm	 2,2 mm	 3,0 mm	 1,8 mm	 2,2 mm	 3,0 mm
M16-100 M16-200	M14-443	M14-444	M14-445	M16-443	M16-444	M16-445
M16-110 M16-210	M14-483	M14-484	M14-485	M16-483	M16-484	M16-485
M16-120 M16-220	M14-523	M14-524	M14-525	M16-523	M16-524	M16-525
M16-130 M16-230	M14-563	M14-564	M14-565	M16-563	M16-564	M16-565
M16-160 M16-240	M14-603	M14-604	M14-605	M16-603	M16-604	M16-605
M16-250	M14-643	M14-644	M14-645	M16-643	M16-644	M16-645



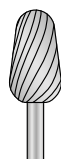
BUD & ACORN DRILL TABLE FOR STRAIGHT & ANGLED ATTACHMENTS



BUD



ACORN



ATTACHMENTS	5,0 mm	7,0 mm
M16-100 M16-200	M14-438	M14-439
M16-110 M16-210	M14-458	M14-459
M16-120 M16-220	M14-468	M14-469
M16-130 M16-230	M14-478	M14-479
M16-160 M16-240	M14-498	M14-499
M16-250	M14-518	M14-519



ATTACHMENTS	7,5 mm
M16-100 M16-200	M14-538
M16-110 M16-210	M14-539
M16-120 M16-220	M14-548
M16-130 M16-230	M14-549
M16-160 M16-240	M14-558
M16-250	M14-559

IRRIGATION NOZZLE & BUR GUARD



M14-760
Bur guard (max 4,5 mm burs)
for M16-110, M16-210, M16-120, M16-220,
M16-130, M16-230, M16-160, M16-240, M16-250



M14-740
Irrigation nozzle
for M16-100 and M16-200



M14-743
Irrigation nozzle
for M16-110 and M16-210



M14-746
Irrigation nozzle
for M16-120 and M16-220



M14-749
Irrigation nozzle
for M16-130 and M16-230



M14-752
Irrigation nozzle
for M16-160 and M16-240



M14-755
Irrigation nozzle
for M16-250



CURVED ATTACHMENT



1/2

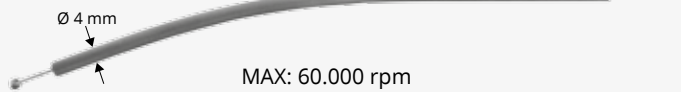
M16-830 80 mm Curved Attachment

- Max 60.000 rpm
- Length adjustment between 1 mm and 10 mm
- In its own tube
- Disposable with tube

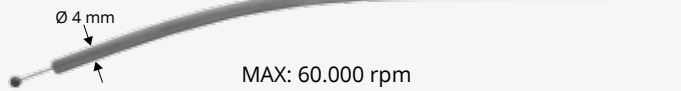


M14-761
 Bur guard
 for curved attachment
 Max Ø 4,5 mm burs

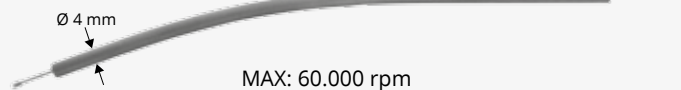
/ ROSEN



/ DIAMOND



/ NEURO





DISPOSABLE DRILLS



ROSEN



DIAMOND



NEURO



Length ▶	60 mm	80 mm	100 mm	120 mm	140 mm	160 mm	180 mm	200 mm
Ø 3,0	M14-840	M14-841	M14-842	M14-843	M14-844	M14-845	M14-846	M14-847
Ø 4,0	M14-848	M14-849	M14-850	M14-851	M14-852	M14-853	M14-854	M14-855



Length ▶	60 mm	80 mm	100 mm	120 mm	140 mm	160 mm	180 mm	200 mm
Ø 3,0	M14-860	M14-861	M14-862	M14-863	M14-864	M14-865	M14-866	M14-867
Ø 4,0	M14-868	M14-869	M14-870	M14-871	M14-872	M14-873	M14-874	M14-875



Length ▶	60 mm	80 mm	100 mm	120 mm	140 mm	160 mm	180 mm	200 mm
Ø 2,2	M14-880	M14-881	M14-882	M14-883	M14-884	M14-885	M14-886	M14-887
Ø 3,0	M14-888	M14-889	M14-890	M14-891	M14-892	M14-893	M14-894	M14-895



METAL CUTTER & BURS



M16-770 98 mm
 Metal Cutter

1/2

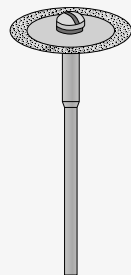
/ NEURO



M14-772



M14-773



M14-774

/ DRILL



Ø mm ▶

1,5

M14-775



2

M14-776



2,5

M14-777



ACCESSORIES



M14-816
Spray oil



M16-817
Spray nozzle,
for attachments



M16-819
Spray nozzle,
for motor handpiece

NEUROSURGERY LARGE SET

M16-825 Neurosurgery Large Set

SET CONTENT

M16-405	Power console
M16-058	Foot Control pedal
M14-311	Pedal cable
M16-302	90.000 Rpm motor handpiece
M300-223	Motor cable
M16-100	Straight Attachment, 85 mm
M16-110	Straight Attachment, 105 mm
M16-120	Straight Attachment, 125 mm
M16-130	Straight Attachment, 165 mm
M16-200	Angled Attachment, 105 mm
M16-210	Angled Attachment, 125 mm
M16-220	Angled Attachment, 145 mm
M16-740	Irrigation nozzle
M16-743	Irrigation nozzle
M16-746	Irrigation nozzle
M16-749	Irrigation nozzle
M14-760	Bur guard
M14-412	Bur, rosen Ø 2,3 mm - A
M14-452	Bur, rosen Ø 2,3 mm - B
M14-492	Bur, rosen Ø 2,3 mm - C
M14-532	Bur, rosen Ø 2,3 mm - D
M16-330	Craniotome Attachment
M16-346	Pediatric guide, rotational
M16-347	Adult guide, rotational
M16-342	Guide, laminectomy
M16-331	Drill limit attachment
M14-343	Pediatric craniotome blade
M14-344	Adult craniotome blade
M14-345	Laminectomy craniotome blade
M16-770	Metal cutter
M14-772	Neuro Bur, Ø 1,8 mm - M
M14-773	Neuro Bur, Ø 2,2 mm - M
M14-774	Neuro Bur, Ø 3,0 mm - M
M16-352	Perforator handpiece
M7-120	Trepan (Ø 6/9 mm)
M7-121	Trepan (Ø 9/12 mm)
M7-122	Trepan (Ø 12/15 mm)
M14-816	Spray oil
M16-817	Spray nozzle, for attachment
M16-819	Spray nozzle, for motor handpiece
M6-121	Irrigation tubing set
M6-122	Console irrigation rack
M14-812	PPSU attachment stand
M14-813	Basket with silicone fixations
K6-120	Standard Model lid
K6-107	Standard Model Box



M16-405
Scoren Power Console



M16-058
Mono Control Pedal



M14-311
Foot Control
Pedal Cable



M16-302
90.000 Rpm Motor



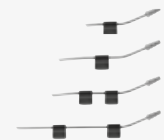
M300-223
Motor Cable



M16-100
M16-110
M16-120
M16-130



M16-200
M16-210
M16-220



M16-740
M16-743
M16-746
M16-749
Irrigation nozzle



M14-760
Bur guard

M14-412
M14-452
M14-492
M14-532



M16-330
Craniotome Attachment



M14-343
M14-344
M14-345
Craniotome
blades



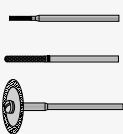
M16-346
M16-347
M16-342
Guides



M16-331
Drill limit
attachment



M16-770
Metal cutter



M14-772
M14-773
M14-774



M14-816
Spray oil



M16-817
M16-819
Nozzle



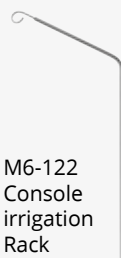
M16-352
Perforator handpiece



M7-120
M7-121
M7-122



M6-121
Tubing set



M6-122
Console
irrigation
Rack



M14-812
PPSU
attachment
stand



M14-813
Basket with
silicone
fixations



K6-120
Standard Model Lid
K6-107
Standard Model Box

NEUROSURGERY BASIC SET



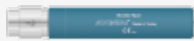
M16-405
Scoren Power Console



M16-058
Mono Control Pedal



M14-311
Foot Control
Pedal Cable



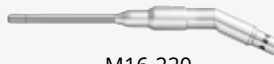
M16-302
90.000 Rpm Motor



M300-223
Motor Cable



M16-100
M16-110



M16-220



M16-740
M16-743
M16-746
Irrigation nozzle



M14-760
Bur guard



M14-412
M14-452
M14-492



M16-330
Craniotome Attachment



M14-343
M14-344
M14-345
Craniotome
blades



M16-346
M16-347
M16-342
Guides



M16-331
Drill limit
attachment



M16-352
Perforator handpiece



M14-816
Spray oil



M16-817
M16-819
Nozzle



M7-120



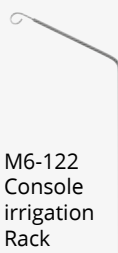
M7-121



M7-122



M6-121
Tubing set



M6-122
Console
irrigation
Rack

M16-826 Neurosurgery Basic Set

SET CONTENT

M16-405	Power console
M16-058	Foot Control pedal
M14-311	Pedal cable
M16-302	90.000 Rpm motor handpiece
M300-223	Motor cable
M16-100	Straight Attachment, 85 mm
M16-110	Straight Attachment, 105 mm
M16-220	Angled Attachment, 145 mm
M16-740	Irrigation nozzle
M16-743	Irrigation nozzle
M16-746	Irrigation nozzle
M14-760	Bur guard
M14-412	Bur, rosen Ø 2,3 mm - A
M14-452	Bur, rosen Ø 2,3 mm - B
M14-492	Bur, rosen Ø 2,3 mm - C
M16-330	Craniotome Attachment
M16-346	Pediatric guide, rotational
M16-347	Adult guide, rotational
M16-342	Guide, laminectomy
M16-331	Drill limit attachment
M14-343	Pediatric craniotome blade
M14-344	Adult craniotome blade
M14-345	Laminectomy craniotome blade
M16-352	Perforator handpiece
M7-120	Trepan (Ø 6/9 mm)
M7-121	Trepan (Ø 9/12 mm)
M7-122	Trepan (Ø 12/15 mm)
M14-816	Spray oil
M16-817	Spray nozzle, for attachment
M16-819	Spray nozzle, for motor handpiece
M6-121	Irrigation tubing set
M6-122	Console irrigation rack
M14-812	PPSU attachment stand
M14-813	Basket with silicone fixations
K6-120	Standard Model lid
K6-107	Standard Model Box



M14-812
PPSU
attachment
stand



M14-813
Basket with
silicone
fixations



K6-120
Standard Model Lid
K6-107
Standard Model Box

E N T

Micro Oscillating Saw
Micro Sagittal Attachment
Skin Abrasion Systems

Suitable attachments for Micro Surgery & Ear, Nose, Throat

Straight, Angular, Micro Oscillating Saw, Micro Sagittal Saw, Micro Reciprocating Saw

Arthroscopic Shaver System with two different shaver model

Special Cutting tools for small bone operations





- M16-800**
SCOREN 40.000 Rpm Motor
Swiss Made Powerful Brushless DC Motor Technology
- Autoclavable
 - Operating Speed: 40.000 rpm (Adjustable Maximum Speed)
 - Torque: 10 N.cm
 - Dimensions: 133 x 23 mm
 - Weight: 160 g



- M16-801T**
SCOREN 20.000 Rpm Motor
Swiss Made Powerful Brushless DC Motor Technology
- Autoclavable
 - Operating Speed: 20.000 rpm / (Adjustable Maximum Speed)
 - Torque: 10 N.cm
 - Dimensions: 133 x 23 mm
 - Weight: 160 g



M300-223
Motor Cable
(4 m. long)



M16-058
Mono Control Pedal



M14-311
Foot Control
Pedal Cable



INTRA MAIN PIECE STRAIGHT



1/2

M8-201
 INTRA Main Piece, Straight

- No key needed for tightening
- Tip 15 mm long
 - Transmission: 1:1
 - Burrs shank: Ø 2.35 mm
 - Burrs length: 70 mm
 - Weight: 70 g



M8-550
 Spray nozzle



1/2

M8-202
 INTRA Main Piece, Straight

- No key needed for tightening
- Tip 45 mm long
 - Transmission: 1:1
 - Burrs shank: Ø 2.35 mm
 - Burrs length: 95 mm
 - Weight: 75 g



M8-551
 Spray nozzle



1/2

M8-203
 INTRA Main Piece, Straight

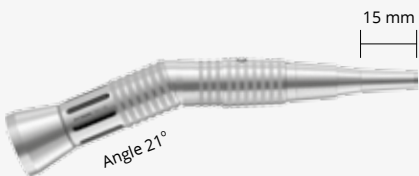
- No key needed for tightening
- Tip 75 mm long
 - Transmission: 1:1
 - Burrs shank: Ø 2.35 mm
 - Burrs length: 125 mm
 - Weight: 82 g



M8-552
 Spray nozzle



INTRA MAIN PIECE ANGULAR



1/2

M8-210
INTRA Main Piece, Angular

- No key needed for tightening
- Tip 15 mm long
 - Transmission: 1:2
 - Burrs shank: Ø 2.35 mm
 - Burrs length: 70 mm
 - Weight: 90 g



M8-553
Spray nozzle



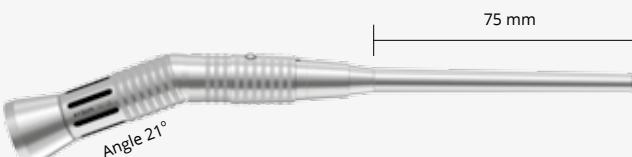
1/2

M8-211
INTRA Main Piece, Angular

- No key needed for tightening
- Tip 45 mm long
 - Transmission: 1:2
 - Burrs shank: Ø 2.35 mm
 - Burrs length: 95 mm
 - Weight: 98 g



M8-554
Spray nozzle



1/2

M8-212
INTRA Main Piece, Angular

- No key needed for tightening
- Tip 75 mm long
 - Transmission: 1:2
 - Burrs shank: Ø 2.35 mm
 - Burrs length: 125 mm
 - Weight: 105 g



M8-555
Spray nozzle



**ROSEN & DIMON DRILL TABLE FOR
 STRAIGHT & ANGLED ATTACHMENTS**











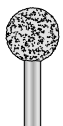
ROSEN











DIAMOND



								
ATTACHMENTS	0,6 mm	0,8 mm	1,4 mm	2,3 mm	3,1 mm	4,0 mm	5,0 mm	7,0 mm
M8-201 M8-210	M8-312	M8-310	M8-308	M8-306	M8-304	M8-302	M8-300	M8-700
M8-202 M8-211	M8-708	M8-706	M8-428	M8-426	M8-424	M8-422	M8-420	M8-702
M8-203 M8-212	M8-710	M8-712	M8-458	M8-456	M8-454	M8-452	M8-450	M8-704











								
ATTACHMENTS	0,6 mm	0,8 mm	1,4 mm	2,3 mm	3,1 mm	4,0 mm	5,0 mm	7,0 mm
M8-201 M8-210	M8-354	M8-352	M8-350	M8-348	M8-346	M8-344	M8-342	M8-340
M8-202 M8-211	M8-714	M8-716	M8-418	M8-416	M8-414	M8-412	M8-410	M8-718
M8-203 M8-212	M8-752	M8-754	M8-468	M8-466	M8-464	M8-462	M8-460	M8-756



TUNGSTEN DRILL TABLE FOR STRAIGHT & ANGLED ATTACHMENTS



TUNGSTEN
HIGH SPEED

ATTACHMENTS	 0,6 mm	 0,8 mm	 1,4 mm	 2,3 mm	 3,1 mm	 4,0 mm	 5,0 mm	 7,0 mm
M8-201 M8-210	M8-334	M8-332	M8-330	M8-328	M8-326	M8-324	M8-332	M8-320
M8-202 M8-211	M8-758	M8-760	M8-762	M8-764	M8-766	M8-768	M8-770	M8-772
M8-203 M8-212	M8-774	M8-776	M8-778	M8-780	M8-782	M8-784	M8-786	M8-788



MICRO ATTACHMENT



1/2

M8-120T

Micro oscillating saw (use with M16-801T)

Saw blades have to be ordered separately

- Possibility to use extra thin blades for precision operations.
- Narrow design for good visibility.
- Weight: 170 g

FOR M8-120T

M8-121

7 mm

M8-122

10 mm

M8-123

20 mm

M8-124

Ø 23 mm





MICRO SAGITTAL ATTACHMENT



1/2

M8-1105T
 Micro Sagittal Saw
 (use with M16-801T)
 pencil grip shape, with
 unloosable nut

- Weight: 83 g

SAGITTAL SAW (for M8-1105T)

Code	Illustration 1:1	Usable Length (mm)	Width (mm)
M8-1120		10	13.4
M8-1121		9	13.0
M8-1122		15	5.0
M8-1123		20	5.0
M8-1124		15	12.0
M8-1125		20	16.0
M8-1126		25	5.0
M8-1127		20	12.0



MICRO STRAIGHT RECIPROCATING ATTACHMENT



1/2

M8-190T

Micro straight reciprocating saw (use with M16-801T)

Without saw blades.

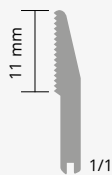
- With spray nozzle M8-198
- Oscillations per second: 160(at 20.000 rpm)
- Height of stroke: 2 mm
- Weight: 115 g



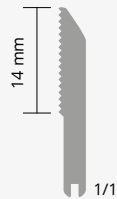
M8-198

Spray nozzle for M8-190T

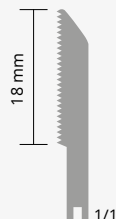
/ RECIPROCATING SAW



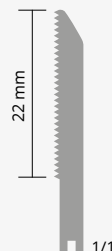
M8-191



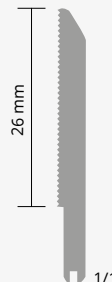
M8-192



M8-193



M8-194



M8-195

MINI STRAIGHT RECIPROCATING ATTACHMENT



1/2

M12-425T

Straight reciprocating saw (use with M16-801T)

It is used in deep cutting the bones and other small bones in the mandibular and maxillofacial surgery.

No need for key to replace the blades.

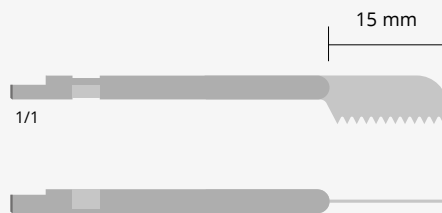
M12-426

Material Thickness : 0.4 mm
Cutting Thickness : 0.6 mm



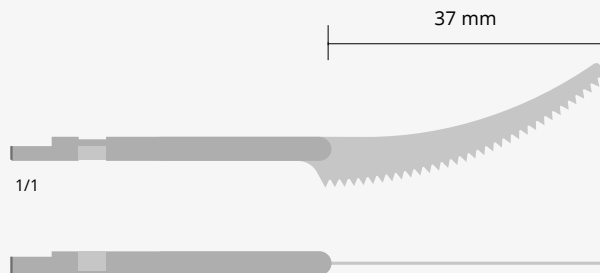
M12-427

Material Thickness : 0.6 mm
Cutting Thickness : 1.0 mm



M12-428

Material Thickness : 0.4 mm
Cutting Thickness : 0.55 mm



M12-429

Material Thickness : 0.4 mm
Cutting Thickness : 0.4 mm



M12-430

Material Thickness : 0.4 mm
Cutting Thickness : 0.4 mm



ENT LARGE SET



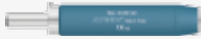
M16-405
Scoren Power Console



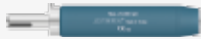
M16-058
Mono Control Pedal



M14-311
Foot Control
Pedal Cable



M16-800
SCOREN 40.000 Rpm Motor



M16-801T
SCOREN 20.000 Rpm Motor



M300-223
Motor Cable



M8-202
INTRA Main Piece, Straight



M8-203
INTRA Main Piece, Straight



M8-211
INTRA Main Piece, Angular



M8-212
INTRA Main Piece, Angular



M8-426



M8-414



M8-456



M8-464



M8-120
Micro oscillating saw
(use with M16-801T)



M8-122



M8-123



M8-1105
Micro Sagittal Saw
(use with M16-801T)



M8-1122



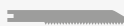
M8-1124



M8-190
Micro straight reciprocating saw
(use with M16-801T)



M8-192



M8-194

M16-858

ENT LARGE SET

SET CONTENT

M16-405	Power console
M16-058	Foot Control pedal
M14-311	Pedal cable
M16-800	40.000 Rpm motor handpiece
M300-223	Motor cable
M16-801T	20.000 Rpm motor handpiece
M8-202	Straight attachment, 127 mm
M8-203	Straight attachment, 157 mm
M8-426	Rosen bur, length 70 mm, Ø 2.3 mm
M8-414	Diamond bur, length 70 mm, Ø 3.1 mm
M8-211	Angular attachment, 100 mm
M8-212	Angular attachment, 130 mm
M8-456	Rosen bur, length 70 mm, Ø 2.3 mm
M8-464	Diamond bur, length 70 mm Ø 3.1 mm
M8-120	Micro oscillating saw attachment
M8-122	Micro oscillating saw blade, 10 mm
M8-123	Micro oscillating saw blade, 20 mm
M8-1105	Micro sagittal saw attachment
M8-1122	Saw blade, length 15 mm, width 5.0 mm
M8-1124	Saw blade, length 20 mm, width 12.0 mm
M8-190	Reciprocating saw attachment
M8-192	Sagittal saw blade, 14 mm
M8-194	Sagittal saw blade, 22 mm
K3-2731-S17	Basket with silicone fixations 411x259x 114 mm
K6-340	Standard Model Lid
K6-307	Standard Model Box



K3-2731-S17
Basket with silicone fixations
411 x 259 x 114 mm



K6-340
Standard Model Lid (Perforated)

K6-307
Standard Model Box (Non Perforated)

ENT BASIC SET



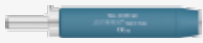
M16-405
Scoren Power Console



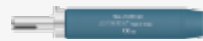
M16-058
Mono Control Pedal



M14-311
Foot Control
Pedal Cable



M16-800
SCOREN 40.000 Rpm Motor



M16-801T
SCOREN 20.000 Rpm Motor



M300-223
Motor Cable



M8-202
INTRA Main Piece, Straight



M8-211
INTRA Main Piece, Angular



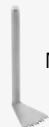
M8-426



M8-414



M8-120
Micro oscillating saw
(use with M16-801T)



M8-122



M8-1105
Micro Sagittal Saw
(use with M16-801T)



M8-1122



M8-190
Micro straight reciprocating saw
(use with M16-801T)



M8-192

M16-857

ENT BASIC SET

SET CONTENT

M16-405	Power console
M16-058	Foot Control pedal
M14-311	Pedal cable
M16-800	40.000 Rpm motor handpiece
M300-223	Motor cable
M16-801T	20.000 Rpm motor handpiece
M8-202	Straight attachment, 127 mm
M8-426	Rosen bur, length 70 mm, Ø 2.3 mm
M8-414	Diamond bur, length 70 mm, Ø 3.1 mm
M8-211	Angular attachment, 100 mm
M8-120	Micro oscillating saw attachment
M8-122	Micro oscillating saw blade, 10 mm
M8-1105	Micro sagittal saw attachment
M8-1122	Saw blade, length 15 mm, width 5.0 mm
M8-190	Reciprocating saw attachment
M8-192	Sagittal saw blade, 14 mm
K3-2731-S17	Basket with silicone fixations 411x259x 114 mm
K6-340	Standard Model Lid
K6-307	Standard Model Box



K3-2731-S17
Basket with silicone fixations
411 x 259 x 114 mm



K6-340
Standard Model Lid (Perforated)

K6-307
Standard Model Box (Non Perforated)

SHAVER

Arthroscopic shave systems, Ergonomic autoclavable
Rotational and oscillation control

Special Designed Shaver with button and without button

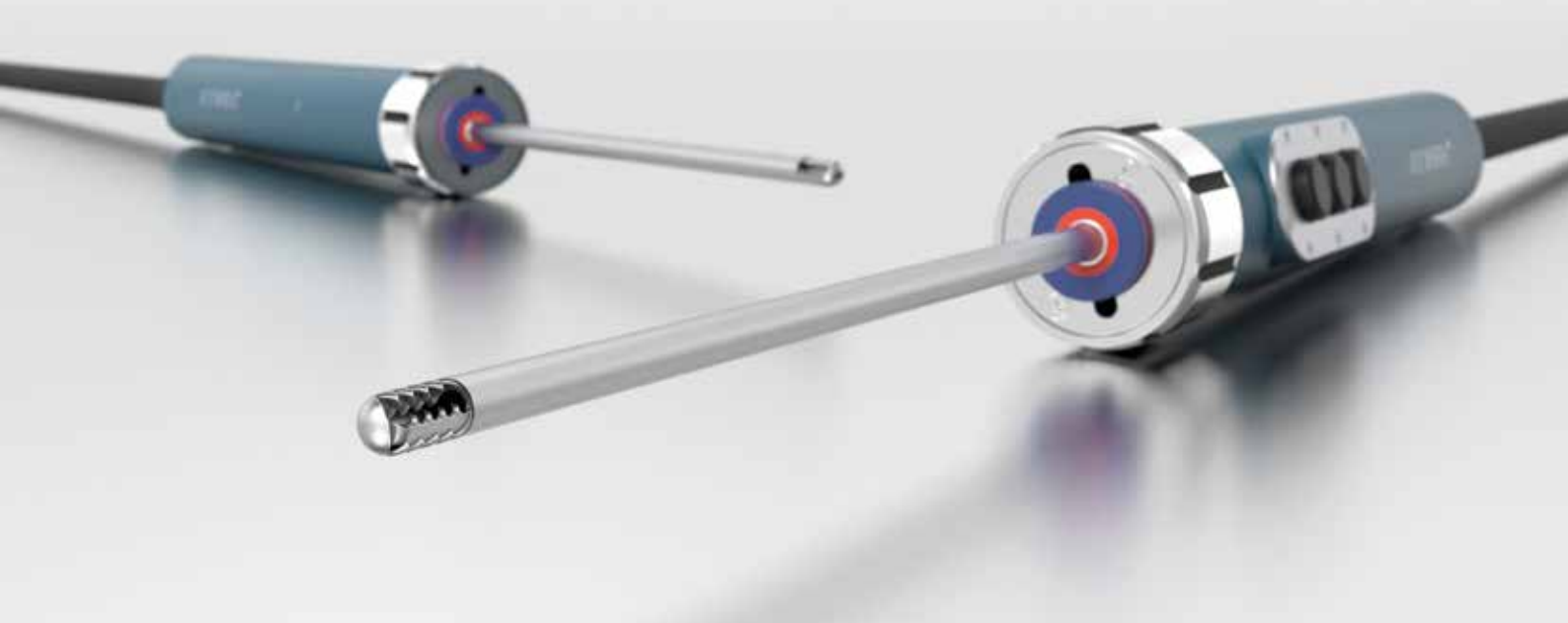
Light, Medium and Aggressive Shaver Modes

Manuel oscillation adjustment

Full Radius, Agressive Full Radius, Double Full Radius, Meniscus Cutter

Sterile packaging single use shaver blades





SHAVER ARTROSCOPIC SYSTEM



- M16-600**
Shaver, without button
- Autoclavable
 - Operating Speed: 7.000 rpm (Adjustable Maximum Speed)
 - Torque: 0,5 N.m
 - 27 x 36 x 200 mm / 700 g



- M16-650**
Shaver, with button
- Autoclavable
 - Operating Speed: 7.000 rpm (Adjustable Maximum Speed)
 - Torque: 0,5 N.m
 - 27 x 39 x 200 mm / 650 g



M16-058
Mono Control Pedal








M14-311
Foot Control
Pedal Cable

SHAPER BLADES

for Arthrex and Linvatec/Conmed, connection single use





effective length 130 mm, sterile packaging

	Ø 4.2 mm	Ø 4.8 mm	Ø 5.5 mm
 Full Radius Resector Sharp Cut	M16-2742		
 Aggressive Full Radius	M16-1342	M16-1348	
 Double Full Radius	M16-2542		
 Aggressive Meniscus Cutter	M16-1542	M16-1548	
 Oval Burr			M16-1955
			Ø burr 4.0 mm




for hip arthroscopy, effective length 210 mm, sterile packaging

	Ø 4.2 mm	Ø 4.8 mm	Ø 5.5 mm
 Aggressive Meniscus Cutter			M16-555H
tubular			
 Oval Burr			M16-955H
			Ø burr 4.0 mm

HIP-PERFECT BURR



effective length 210 mm, 20° bent, sterile packaging

	Ø 4.2 mm	Ø 4.8 mm	Ø 5.5 mm
	M16-42HS		
	Ø burr 5.0 mm		

For arthroscopic treatment of femoroacetabular impingement of the Cam type.

SHAVER SET WITH BUTTON



M16-405
Scoren Power Console

M16-860 Shaver Set With Button

SET CONTENT

M16-405	Power console
M16-650	Shaver, with button
M16-1342	Ø4.2 mm Agressive Full Radius Single Use Shaver Blade
M16-2542	Ø4.2 mm Double Full Radius Single Use Shaver Blade
K3-2731-S16	Basket with silicone fixations 411x259x 114 mm
K6-340	Standard Model Lid
K6-307	Standard Model Box



M16-1342
Aggressive Full Radius



M16-2542
Double Full Radius



M16-650
Shaver, with button



K3-2731-S16
Basket with silicone fixations
411 x 259 x 114 mm



K6-340
Standard Model Lid (Perforated)

K6-307
Standard Model Box (Non Perforated)

SHAVER SET WITHOUT BUTTON



M16-405
Scoren Power Console



M16-059
Dual Control Pedal



M14-311
Foot Control
Pedal Cable



K3-2731-S16
Basket with silicone fixations
411 x 259 x 114 mm

M16-861 Shaver Set Without Button

SET CONTENT

M16-405	Power console
M16-059	Dual Control pedal
M14-311	Pedal cable
M16-600	Shaver, without button
M16-1342	Ø4.2 mm Agressive Full Radius Single Use Shaver Blade
M16-2542	Ø4.2 mm Double Full Radius Single Use Shaver Blade
K3-2731-S16	Basket with silicone fixations 411x259x 114 mm
K6-340	Standard Model Lid
K6-307	Standard Model Box



M16-600
Shaver, without button



M16-1342
Aggressive Full Radius



M16-2542
Double Full Radius



K6-340
Standard Model Lid (Perforated)

K6-307
Standard Model Box (Non Perforated)

ORTHO

Six different trigger functions,
Drilling, Reaming, Screwing, Tapping
Sagittal & Reciprocating Saw

Suitable Handpieces for Large Bone operations for drilling, reaming and cutting purposes

Light weight & Ergonomic Design Power Handpieces

Drilling, Oscillation, Screwing, Tapping and Reaming Modes

Speed can be controlled by triggers

Large Bone Orthopedic Saw Blades

Micro and Macro Products for Orthopedics&Traumatology



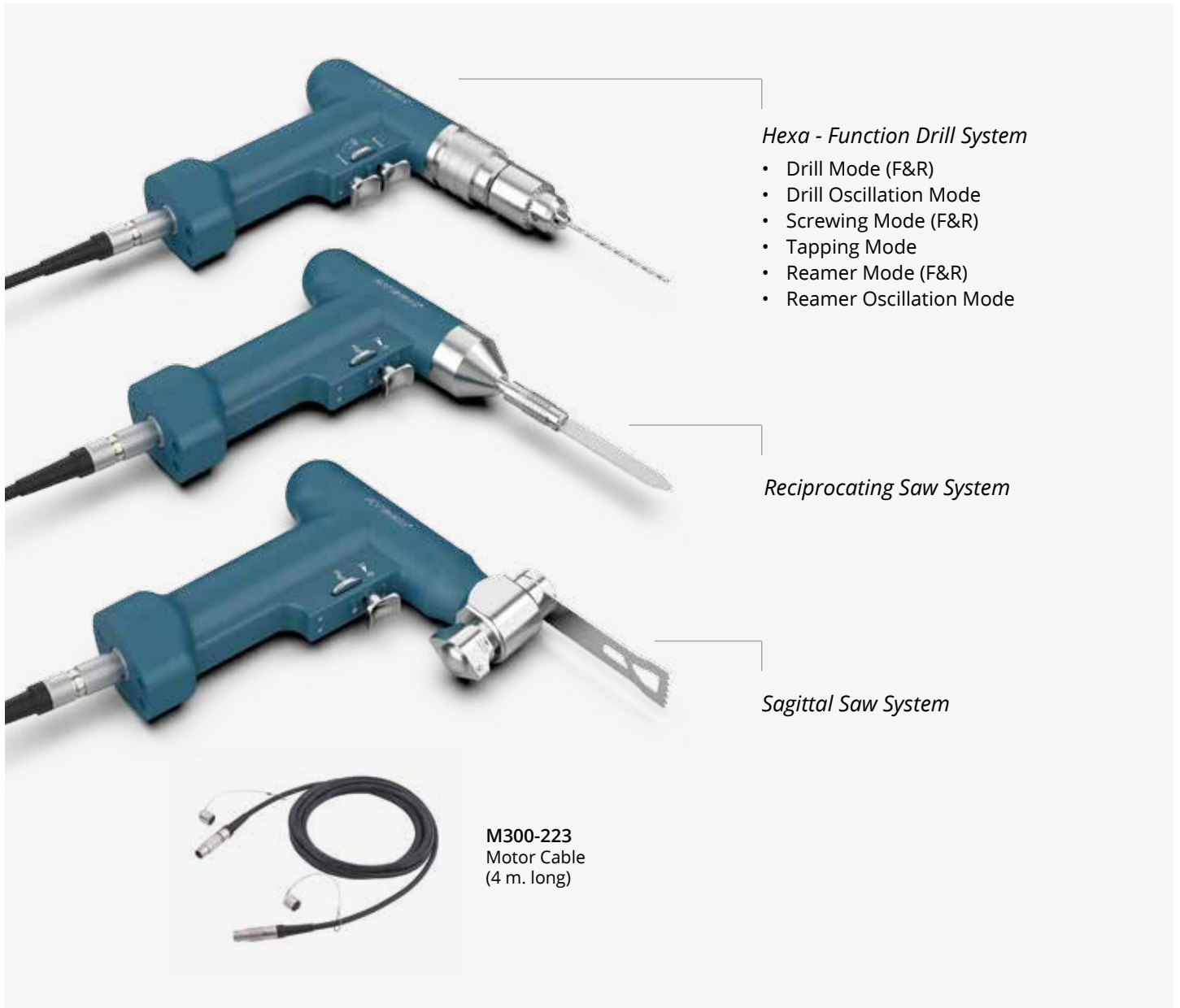


LARGE BONE & SMALL BONE





LARGE BONE



SMALL BONE



- M16-800**
SCOREN 40.000 Rpm Motor
Swiss Made Powerful Brushless DC Motor Technology
- Autoclavable
 - Operating Speed: 40.000 rpm (Adjustable Maximum Speed)
 - Torque: 10 N.cm
 - Dimensions: 133 x 23 mm
 - Weight: 160 g



M300-223
Motor Cable
(4 m. long)



- M16-801T**
SCOREN 20.000 Rpm Motor
Swiss Made Powerful Brushless DC Motor Technology
- Autoclavable
 - Operating Speed: 20.000 rpm / (Adjustable Maximum Speed)
 - Torque: 10 N.cm
 - Dimensions: 133 x 23 mm
 - Weight: 160 g



M14-650
Handpiece



M14-311
Foot Control
Pedal Cable



M16-058
Mono Control Pedal

/ MOTOR STAND

M14-320
Motor Stand, autoclavable





DRILL-REAMER SYSTEM



Six Different Trigger Functions

M300-200
Hexa - Function Drill Handpiece
(Without attachment and cable)

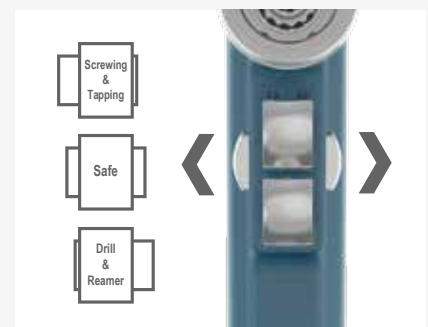
- Dual trigger system for speed control and direction control
- Steam sterilisable
- Drill Mode F&R (1200 rpm)
- Drill Oscillation Mode (1200 cpm)
- Screwing Mode F&R (150 rpm)
- Tapping Mode (150 rpm)
- Reamer Mode F&R (300 rpm)
- Reamer Oscillation Mode (300 cpm)
- Torque 4 N.m
- Cannulated Ø 4 mm
- 40 x 129 x 183 mm / 1000 g



Forward, reverse and oscillation mode options provide versatile alternatives to the users.



Screwing and tapping options enable smooth control with one-handpiece solution.



Drilling, Reaming, Screwing and Tapping options in one-handpiece

DRILL ATTACHMENTS

M206-308

Drill attachment with keyed chuck

Ø4 mm Cannulated
 Ø 1.0 mm - 4.0 mm
 1200 rpm / 5 Nm
 29 x 70 mm / 140 g



M8-473
 Chuck key
 for M206-308

M206-309

Drill attachment with keyed chuck

Ø4 mm Cannulated
 Ø 1.0 mm - 6.35 mm
 1200 rpm / 5 Nm
 29 x 87 mm / 205 g



M7-250
 Chuck key
 for M206-309

M206-311

Drill attachment with hybrid chuck
 Both keyed and keyless operation

Ø4 mm Cannulated
 Ø 0.3 mm - 3 mm
 1200 rpm / 5 Nm
 29 x 87 mm / 225 g

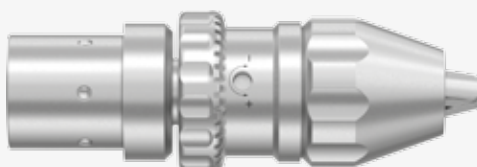


M7-253
 Chuck key
 for M206-311

M206-310

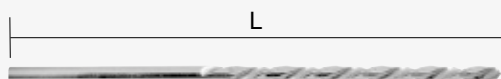
Drill attachment with hybrid chuck
 Both keyed and keyless operation

Ø4 mm Cannulated
 Ø 1.0 mm - 7.4 mm
 1200 rpm / 5 Nm
 34 x 100 mm / 320 g



M7-252
 Chuck key
 for M206-310

DRILL BITS

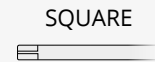
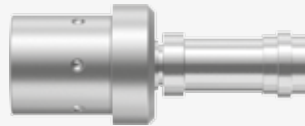


Code	Ø Diameter mm	L Length mm
M7-500	1.5	60
M7-501	2.0	100
M7-502	2.5	100
M7-503	2.7	100
M7-504	3.0	100
M7-505	3.2	100
M7-506	3.5	100
M7-507	4.0	110
M7-508	4.5	130
M7-509	5.0	160
M7-510	6.0	160

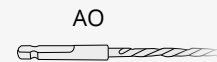
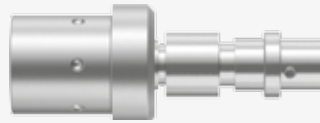


SHANK DRILL BIT ATTACHMENTS

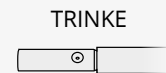
M206-360
 Attachment for SQUARE shank
 1200 rpm / 5 Nm
 29 x 75 mm / 115 g



M206-361
 Attachment for AO shank
 1200 rpm / 5 Nm
 29 x 73 mm / 125 g



M206-362
 Attachment for TRINKE shank
 1200 rpm / 5 Nm
 29 x 70 mm / 130 g



SHANK DRILL BITS

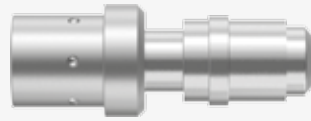
Length mm	(Ø) Diameter mm	SQUARE	AO	TRINKE
38	1.5	M7-520	M7-540	M7-560
45	2.0	M7-521	M7-541	M7-561
53	2.5	M7-522	M7-542	M7-562
57	2.7	M7-523	M7-543	M7-563
57	3.0	M7-524	M7-544	M7-564
57	3.2	M7-525	M7-545	M7-565
65	3.5	M7-526	M7-546	M7-566
70	4.0	M7-527	M7-547	M7-567
70	4.5	M7-528	M7-548	M7-568
95	5.0	M7-529	M7-549	M7-569
120	6.0	M7-530	M7-550	M7-570

SHANK DRILL BIT ATTACHMENTS

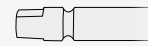
M206-375

Attachment for OSTEO shank

Ø4 mm Cannulated
300 rpm / 22 Nm
29 x 78 mm / 160 g



OSTEO



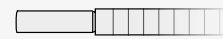
M206-376

Attachment for DHS shank

Ø4 mm Cannulated
300 rpm / 22 Nm
29 x 100 mm / 170 g



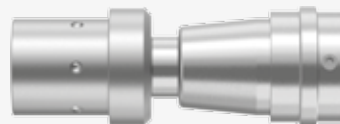
DHS



M206-377

Attachment for AO-PROTEK shank

Ø4 mm Cannulated
300 rpm / 22 Nm
29 x 82 mm / 210 g



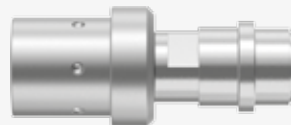
AO-PROTEK



M206-378

Attachment for HUDSON shank

Ø4 mm Cannulated
300 rpm / 22 Nm
29 x 68 mm / 145 g



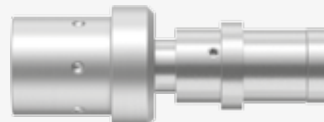
HUDSON



M206-320

Attachment for HARRIS shank

150 - 300 rpm / 35 Nm
29 x 80 mm / 175 g



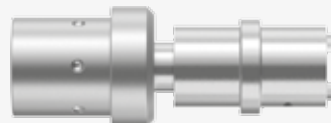
HARRIS



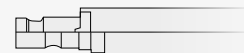
M206-380

Attachment for ZIMMER-HUDSON shank

Ø4 mm Cannulated
300 rpm / 22 Nm
29 x 115 mm / 155 g



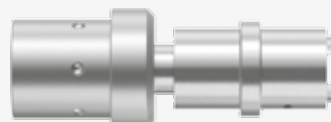
ZIMMER-HUDSON



M206-381

Attachment for ZIMMER shank

Ø4 mm Cannulated
300 rpm / 22 Nm
29 x 115 mm / 155 g



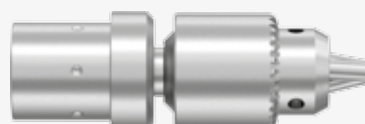
ZIMMER



M206-312

Reamer attachment with keyed chuck

Ø4 mm Cannulated
Ø 1.0 mm - 7.4 mm
300 rpm / 22 Nm
29 x 87 mm / 205 g

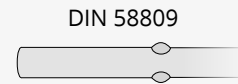
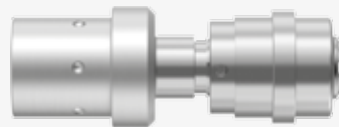


M7-250
Chuck key
for M206-312



REAMER ATTACHMENT

M206-330
 Reamer attachment for wire and pin
 Cannulated Ø 4 mm
 300 rpm / 22 Nm
 29 x 80 mm / 185 g

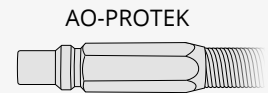


DIN 58809

M7-905
 Adaptor for AO-Protek shank
 Cannulated Ø 4 mm



DIN 58809

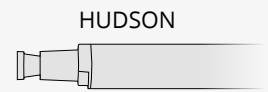


AO-PROTEK

M7-908
 Adaptor for Hudson
 Cannulated Ø 4 mm



DIN 58809

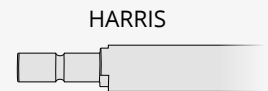


HUDSON

M7-907
 Adaptor for Harris
 Cannulated Ø 4 mm



DIN 58809



HARRIS



M7-250
 Chuck key
 for M7-906

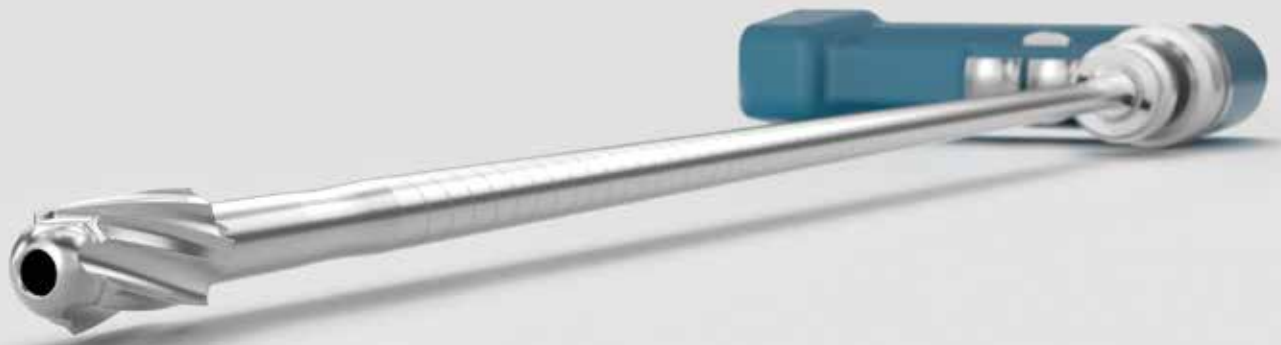
M7-906
 Universal three-jaw chuck
 with key M7-250
 Max Ø 6.35 mm
 Cannulated Ø 4 mm






DIN 58809



DRILL



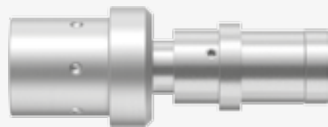
REAMERS

 ↑ DIN 58809	Intramedullary reamers, flexible, with drilling heads		 Guides, blunt			 Guides, with drill tip		
	Ø mm	Length 430 mm	Ø mm	Length 600 mm	Length 990 mm	Ø mm	Length 600 mm	Length 990 mm
	5.5	M7-920						
6.0	M7-921							
6.5	M7-922		1.9	M7-960	M7-961	1.9	M7-962	
7.0	M7-923							
7.5	M7-924							
8.0	M7-925							
8.5	M7-926							
9.0	M7-927							
9.5	M7-928							
10.0	M7-929							
10.5	M7-930							
11.0	M7-931							
11.5	M7-932							
12.0	M7-933		3.4	M7-963	M7-964	3.4		M7-965
12.5	M7-934							
13.0	M7-935							
13.5	M7-936							
14.0	M7-937							
14.5	M7-938							
15.0	M7-939							
15.5	M7-940							
16.0	M7-941							
16.5	M7-942							
17.0	M7-943							
17.5	M7-944							
18.0	M7-945							
18.5	M7-946							
19.0	M7-947							



ACETABULAR REAMER ATTACHMENT

M206-320
 Acetabular reamer attachment
 150 - 300 rpm / 35 Nm
 29 x 80 mm / 175 g



HARRIS



M7-705
 Adaptor for AO-Protek shaft



Harris

AO-PROTEK

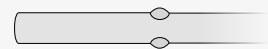


M7-706
 Adaptor for DIN 58809 shaft



Harris

DIN 58809

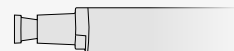


M7-707
 Adaptor for Hudson shaft



Harris

HUDSON



M7-250
 Chuck key
 for M7-708

M7-708
 Universal three-jaw chuck
 with key M7-250



Harris

DRILL





ACETABULAR REAMER TOOLS

HARRIS



M7-709
Shaft only,
With Harris Connection
for M7-750, M7-757

HARRIS



M7-789
Movable protector case,
Fits with all reamer shafts

Only Acetabular
Reamer



M7-750	Ø 46 mm
M7-751	Ø 48 mm
M7-752	Ø 50 mm
M7-753	Ø 52 mm
M7-754	Ø 56 mm
M7-755	Ø 60 mm
M7-756	Ø 64 mm
M7-757	Ø 68 mm



QUICK - ACTION CHUCK (K-WIRE DRIVER)

M206-349

Quick - action chuck (K-wire Driver)

Cannulated Ø 0.6 mm - 1.0 mm

1200 rpm / 5 Nm

29 X 77 mm / 300 g

M206-352

Quick - action chuck (K-wire Driver)

Cannulated Ø 0.7 mm - 2.5 mm

1200 rpm / 5 Nm

29 X 77 mm / 300 g

M206-353

Quick - action chuck (K-wire Driver)

Cannulated Ø 1.5 mm - 4.0 mm

1200 rpm / 5 Nm

29 X 77 mm / 300 g





RECIPROCATING SAW SYSTEM



M300-235
Reciprocating Saw Handpiece
(Without saw blades and cable)

High-Low speed options
Steam sterilisable
11.000 - 14.000 cpm / \longleftrightarrow 4 mm
40 x 162 x 185 mm / 1140 g

/ RECIPROCATING SAW BLADES



M103-236
Usable length: 62 mm
Width: 8 mm



M103-237
Usable length: 75 mm
Width: 13 mm



M103-238
Usable length: 60 mm
Width: 13 mm



M103-239
Usable length: 75 mm
Width: 13 mm



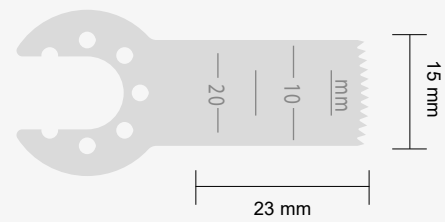
SAGITTAL SAW SYSTEM



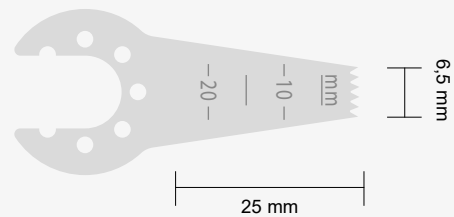
M300-300
Oscillating Saw Handpiece
(Without saw blades and cable)

High-Low speed options
Steam sterilisable
11.000 - 14.000 cpm / $\angle 4^{\circ} 50'$
40 x 152 x 196 mm / 1070 g

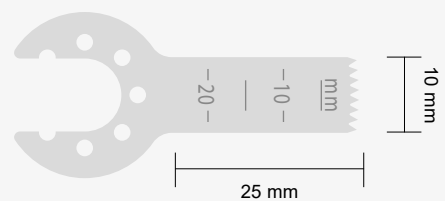
/ SAGITTAL SAW BLADES



M103-1110
Material Thickness : 0.4 mm
Cutting Thickness : 0.6 mm



M103-1111
Material Thickness : 0.4 mm
Cutting Thickness : 0.6 mm

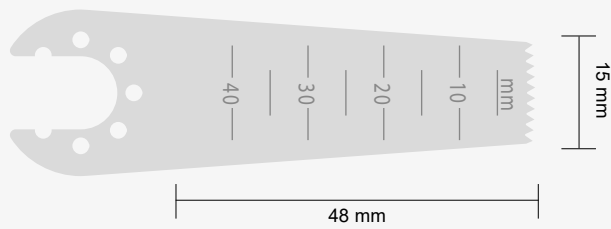


M103-1112
Material Thickness : 0.4 mm
Cutting Thickness : 0.6 mm

SAGITTAL SAW BLADES

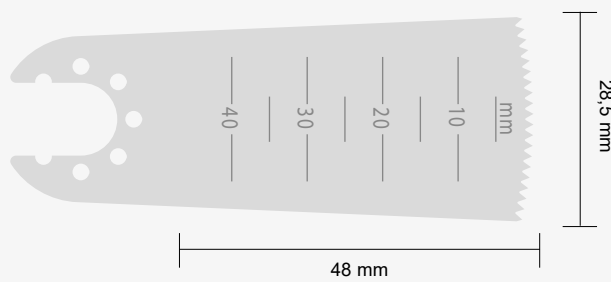
M103-1113

Material Thickness : 0.4 mm
Cutting Thickness : 0.6 mm



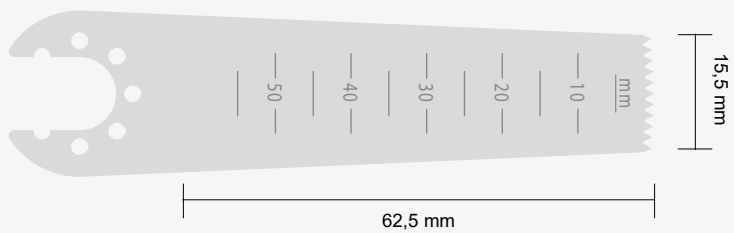
M103-1114

Material Thickness : 0.4 mm
Cutting Thickness : 0.6 mm



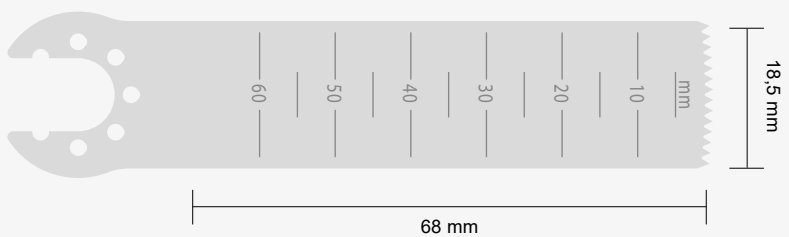
M103-1115

Material Thickness : 0.6 mm
Cutting Thickness : 0.8 mm



M103-1116

Material Thickness : 0.6 mm
Cutting Thickness : 0.8 mm



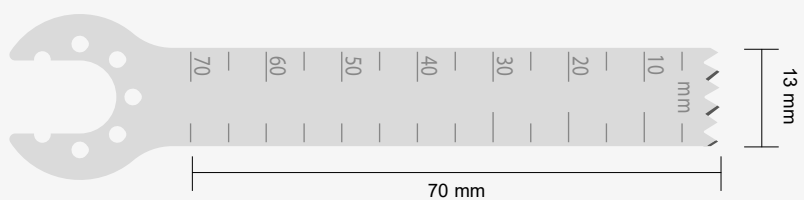
M103-1117

Material Thickness : 0.6 mm
Cutting Thickness : 0.8 mm



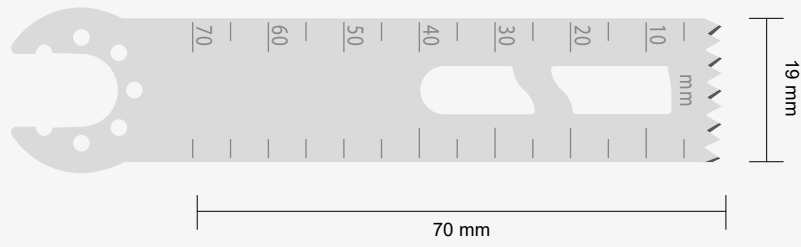
M103-1118

Material Thickness : 1.19 mm

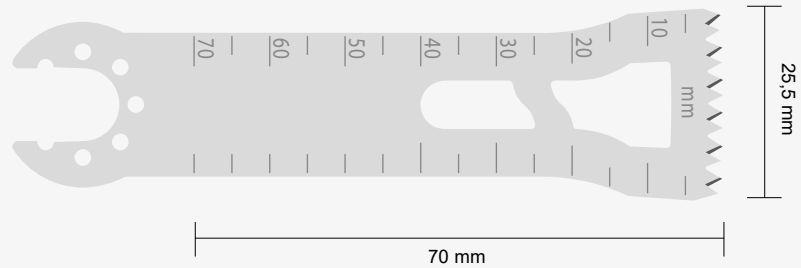


SAGITTAL SAW BLADES

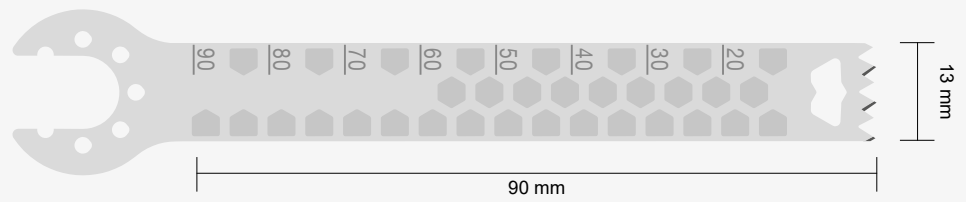
M103-1119
 Material Thickness: 1 mm



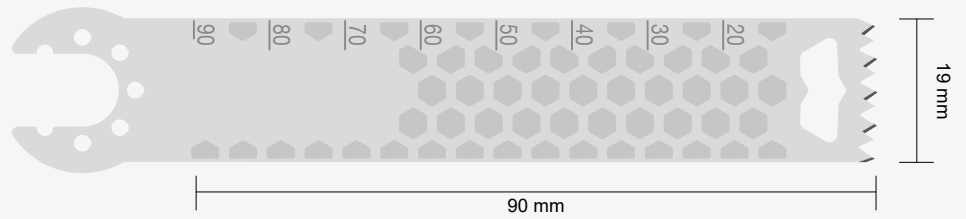
M103-1120
 Material Thickness: 1 mm



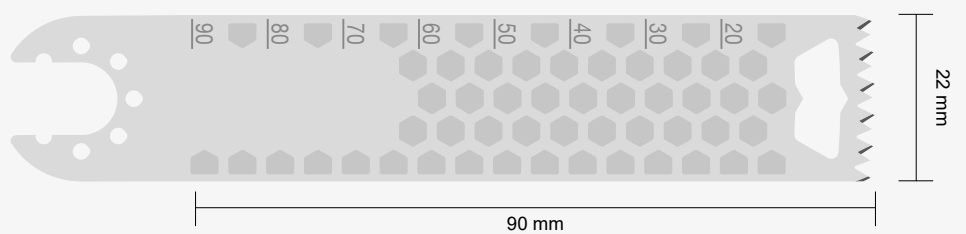
Material Thickness
M103-1121 1 mm
M103-1122 1.19 mm
M103-1123 1.27 mm
M103-1124 1.37 mm



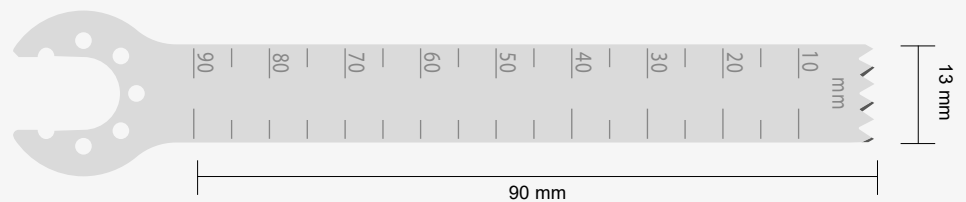
Material Thickness
M103-1125 1.19 mm
M103-1126 1.27 mm
M103-1127 1.37 mm



Material Thickness
M103-1128 1 mm
M103-1129 1.19 mm
M103-1130 1.27 mm
M103-1131 1.37 mm
M103-1132 1.47 mm

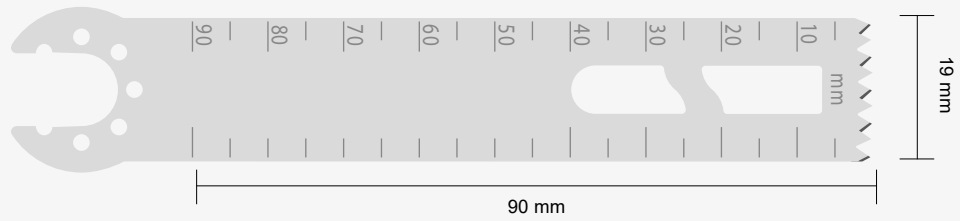


Material Thickness
M103-1133 1 mm
M103-1134 1.19 mm
M103-1135 1.27 mm

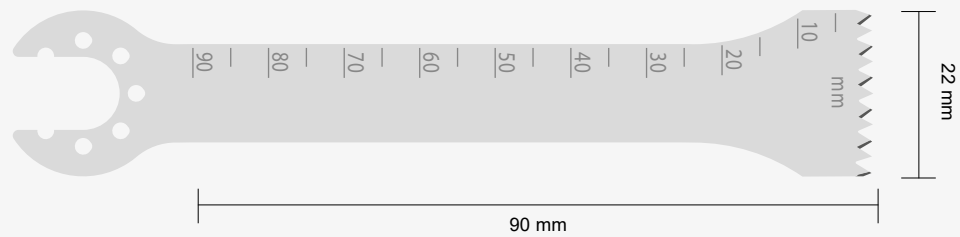


SAGITTAL SAW BLADES

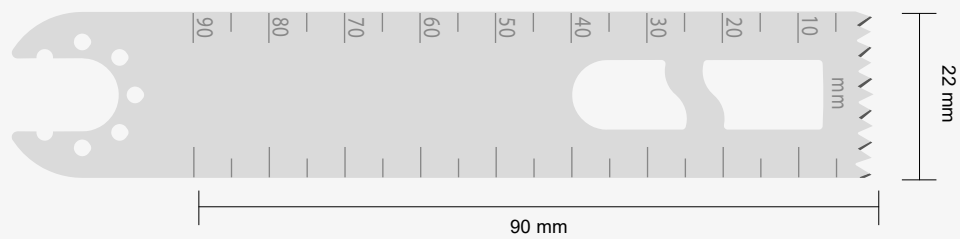
Material Thickness
M103-1136 1.27 mm
M103-1137 1.37 mm



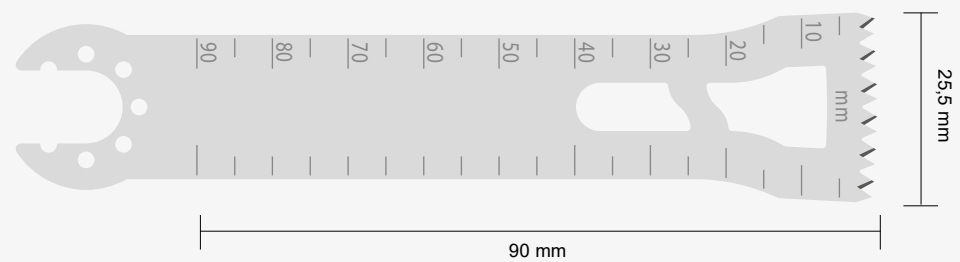
M103-1138
 Material Thickness: 1.27 mm



Material Thickness
M103-1139 1 mm
M103-1140 1.27 mm



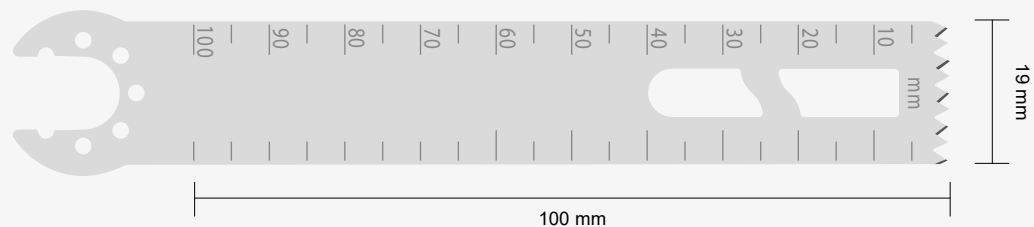
Material Thickness
M103-1141 1 mm
M103-1142 1.19 mm
M103-1143 1.27 mm
M103-1144 1.37 mm
M103-1145 1.47 mm



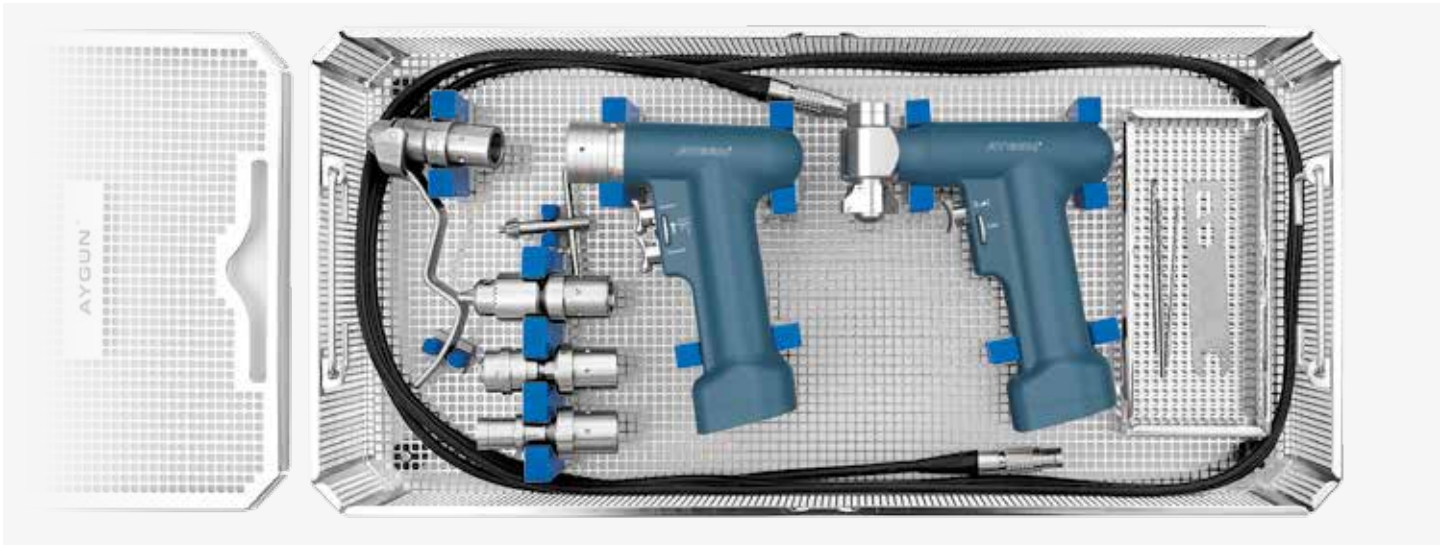
M103-1146
 Material Thickness: 1.27 mm



M103-1147
 Material Thickness: 1.19 mm



ORTHOPEDIC SET



M16-1001

Orthopedic Set

SET CONTENT

M16-405	Power console
M300-223	Motor cable
M300-200	Drill-Reamer handpiece
M206-309	Drill attachment with keyed chuck
M7-502	Drill bit
M7-504	Drill bit
M7-250	Chuck key for M206-309
M300-300	Sagittal saw handpiece
M103-1117	Sagittal saw blade
M103-1146	Sagittal saw blade
M206-320	Acetabular reamer attachment
M206-330	Reamer attachment for wire and pin
M206-352	Quick - action chuck (K-wire Driver)
M14-816	Spray oil
K3-2723-S3	Basket with silicone fixations 546 x 259 x 114 mm
K6-120	Standard model Lid (Perforated)
K6-107	Standard model (Non Perforated)



M16-405
Scoren Power Console



K6-120
Standard Model Lid (Perforated)

K6-107
Standard Model Box (Non Perforated)

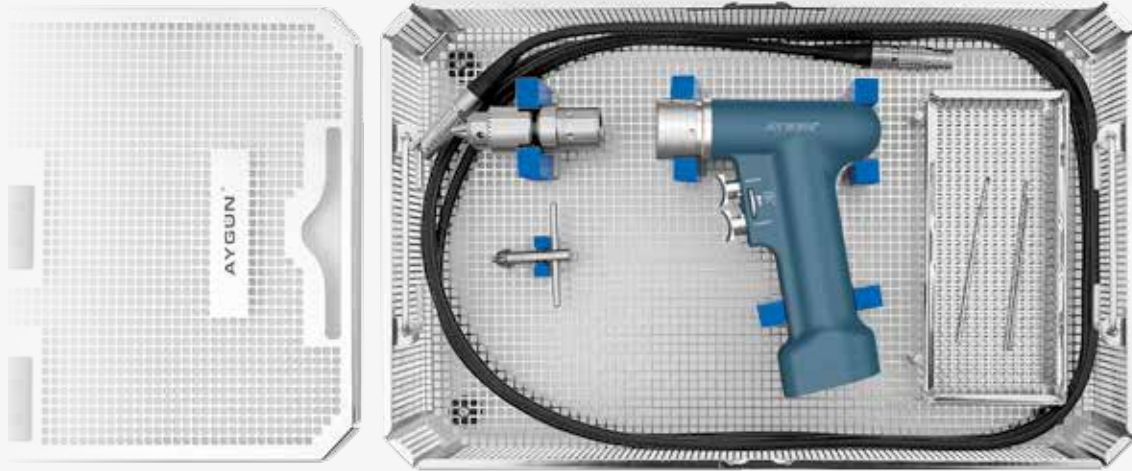


K3-2723-S3
Basket with silicone fixations
546 x 259 x 114 mm



M14-816
Spray oil

DRILL SET



M16-1005

Drill Set

SET CONTENT

M16-405	Power console
M300-223	Motor cable
M300-200	Drill-Reamer handpiece
M206-309	Drill attachment with keyed chuck
M7-502	Drill bit
M7-504	Drill bit
M7-250	Chuck key for M206-309
M14-816	Spray oil
K3-2731-S12	Basket with silicone fixations 411 x 259 x 114 mm
K6-340	Standard Model Lid
K6-307	Standard Model Box



M16-405
Scoren Power Console



K6-340
Standard Model Lid (Perforated)

K6-307
Standard Model Box (Non Perforated)

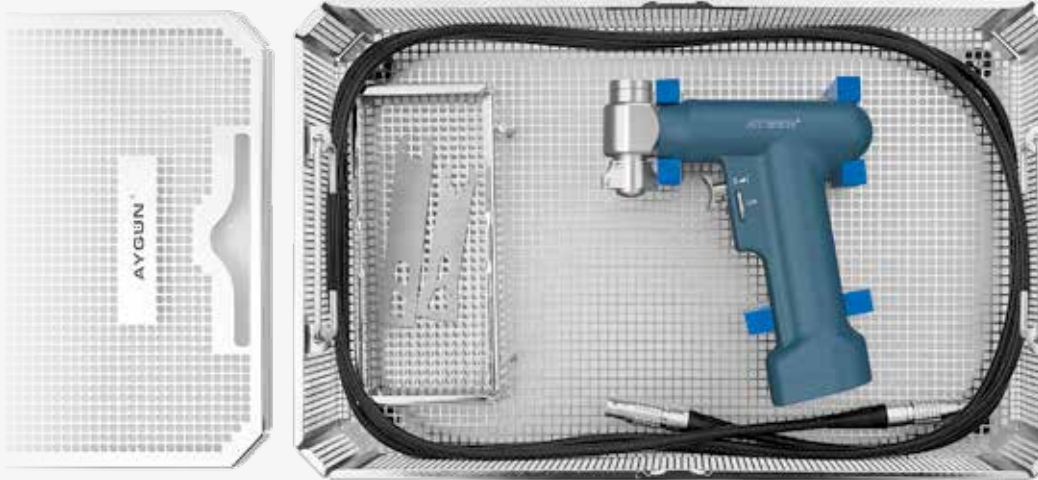


K3-2731-S12
Basket with silicone fixations
411 x 259 x 114 mm



M14-816
Spray oil

SAGITTAL SAW SET



M16-1007 Sagittal Saw Set

SET CONTENT

M16-405	Power console
M300-223	Motor cable
M300-300	Sagittal saw handpiece
M103-1117	Sagittal saw blade
M103-1146	Sagittal saw blade
M14-816	Spray oil
K3-2731-S13	Basket with silicone fixations 411 x 259 x 114 mm
K6-340	Standard Model Lid
K6-307	Standard Model Box



M16-405
Scoren Power Console



K6-340
Standard Model Lid (Perforated)

K6-307
Standard Model Box (Non Perforated)



K3-2731-S13
Basket with silicone fixations
411 x 259 x 114 mm



M14-816
Spray oil

RECIPROCATING SAW SET



M16-1013 Reciprocating Saw Set

SET CONTENT

M16-405	Power console
M300-223	Motor cable
M300-235	Reciprocating saw handpiece
M103-239	Reciprocating saw blade
M14-816	Spray oil
K3-2731-S14	Basket with silicone fixations 411 x 259 x 114 mm
K6-340	Standard Model Lid
K6-307	Standard Model Box



M16-405
Scoren Power Console



K6-340
Standard Model Lid (Perforated)

K6-307
Standard Model Box (Non Perforated)



K3-2731-S14
Basket with silicone fixations
411 x 259 x 114 mm



M14-816
Spray oil



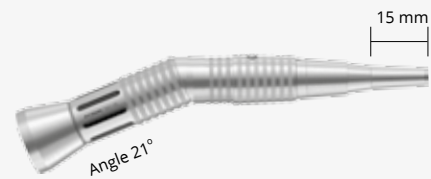
INTRA MAIN PIECE STRAIGHT & ANGULAR



1/2

M8-201

INTRA Main Piece, Straight
 No key needed for tightening
 Tip length: 15 mm
 Transmission: 1:1
 Burrs shank: Ø 2.35 mm
 Burrs length: 70 mm



1/2

M8-210

INTRA Main Piece, Angular
 No key needed for tightening
 Tip length: 15 mm
 Transmission: 1:2
 Burrs shank: Ø 2.35 mm
 Burrs length: 70 mm



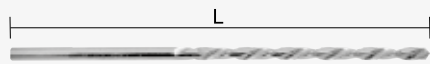
M8-550
 Spray nozzle

Burr-Shank
 Suitable Burr-Shank types for M8-201 and M8-210

MODEL ▼	0,6 mm	0,8 mm	1,4 mm	2,3 mm	3,1 mm	4,0 mm	5,0 mm	7,0 mm
 ROSEN	M8-312	M8-310	M8-308	M8-306	M8-304	M8-302	M8-300	M8-700
 DIAMOND	M8-354	M8-352	M8-350	M8-348	M8-346	M8-344	M8-342	M8-340
 TUNGSTEN HIGH SPEED	M8-334	M8-332	M8-330	M8-328	M8-326	M8-324	M8-332	M8-320



MICRO DRILL & WIRE DRIVER



Twist drill, with round shaft

Code	(Ø) Diameter mm	Length mm
M7-500	1.5	60
M7-501	2.0	100
M7-502	2.5	100
M7-503	2.7	100
M7-504	3.0	100
M7-505	3.2	100
M7-506	3.5	100
M7-507	4.0	110
M7-508	4.5	130
M7-509	5.0	160
M7-510	6.0	160

/ MICRO DRILL



1/2

M8-470T

Micro Drill (use with M16-801T)

for burrs and drills

Transmission: 20:1

Maximum drill diameter: 4.0 mm



M8-473
Chuck key

/ WIRE DRIVER



1/2

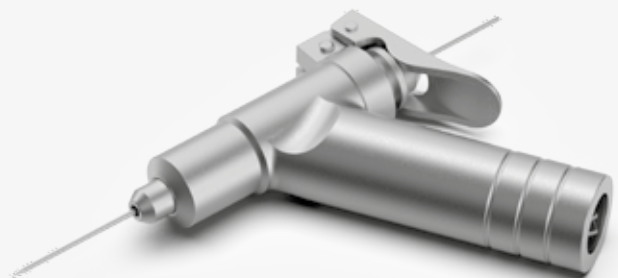
M12-433T

K - Wire Driver (use with M16-801T)

for fixating small bones

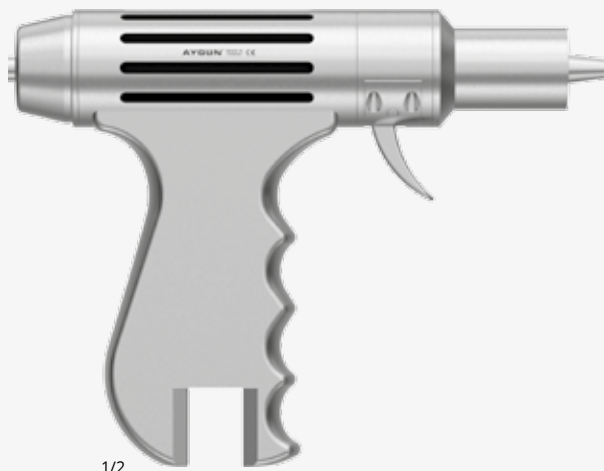
Ø 0.6 mm - 1.6 mm

Cannulated





DRILL RW / FW



M8-720T
Drill (use with M16-801T)
Main piece with forward and reverse gear
Cannulated, Ø 2.5 mm
Without chuck
Suitable for drilling
Thread cutting
Screwing-in and removing bone
Screws as well as for wire extension
Up to 900 rpm



M7-670
Spray nozzle with clamp



CHUCKS AND ADAPTORS (FOR M8-720T)



1/2

M7-680

Attachment with small three - jaw chuck, with key M8-473, Ø 4 mm, exchangeable, use with M8-720T



1/2

M7-681

Attachment with three - jaw chuck, with key M7-250, Ø 6.35 mm, exchangeable, use with M8-720T



1/2

M7-682

Adaptor for SQUARE shank use with M8-720T



1/2

M7-683

Adaptor for AO shank use with M8-720T



1/2

M7-684

Adaptor for TRINKE shank use with M8-720T



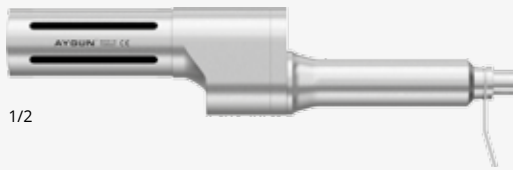
1/2

M7-685

Adaptor for OSTEO shank use with M8-720T

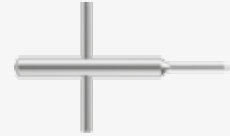


MINI OSCILLATING ATTACHMENT



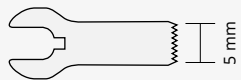
1/2

M12-360T
 Micro Oscillating saw (use with M16-801T)
 Oscillating degree is 7°
 The cutting blade is replaced by using M7-320 Key
 With key M7-320



M7-320
 Key only,
 for changing
 saw blades

Mini Oscillating Saw, use with M12-360T



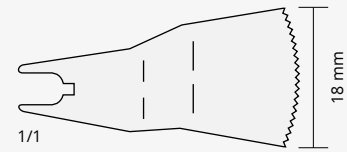
1/1

M8-1220



1/1

M8-1225



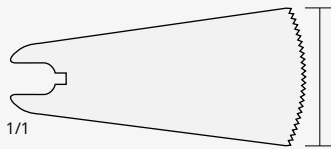
1/1

M8-1230



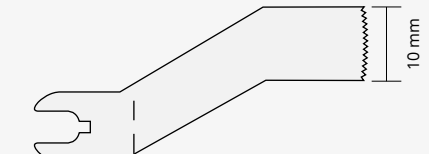
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M8-1221



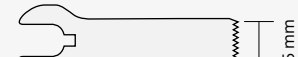
1/1

M8-1226



1/1

M8-1231



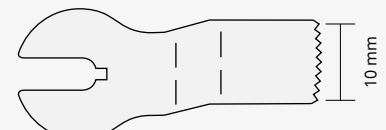
1/1

M8-1222



1/1

M8-1227



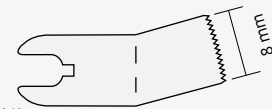
1/1

M8-1232



1/1

M8-1223



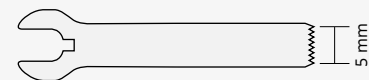
1/1

M8-1228



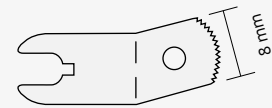
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M8-1233



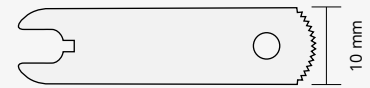
1/1

M8-1224



1/1

M8-1229



1/1

M8-1234

MINI SAGITTAL ATTACHMENT

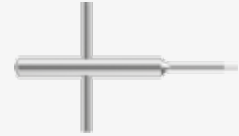


1/2

M12-380T

Mini Sagittal saw (use with M16-801T)

It is used in deep cutting the bones and other small bones in the mandibular and maxillofacial surgery
The cutting blade is replaced by key
With key M7-320



M7-320

Key only,
for changing
saw blades

Mini Sagittal Saw, use with M12-380T



1/2

M8-1320



1/2

M8-1321



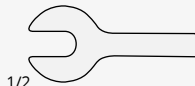
1/2

M8-1322



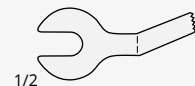
1/2

M8-1323



1/2

M8-1324



1/2

M8-1325



1/2

M8-1326



1/2

M8-1327



1/2

M8-1328



1/2

M8-1329



1/2

M8-1330



1/2

M8-1331



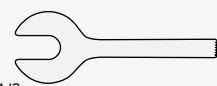
1/2

M8-1332



1/2

M8-1333



1/2

M8-1334

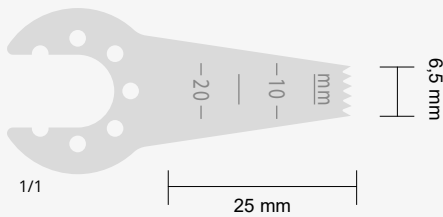
SMALL SAGITTAL ATTACHMENT



M8-283T
 Small Sagittal Saw (use with M16-801T)
 Saw blades have to be ordered separately.

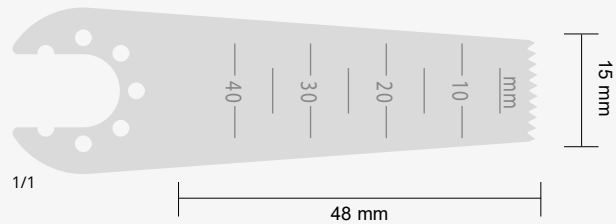
M103-1111

Material Thickness : 0.4 mm
 Cutting Thickness : 0.6 mm



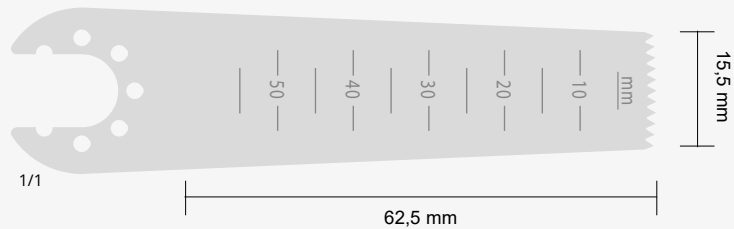
M103-1113

Material Thickness : 0.4 mm
 Cutting Thickness : 0.6 mm



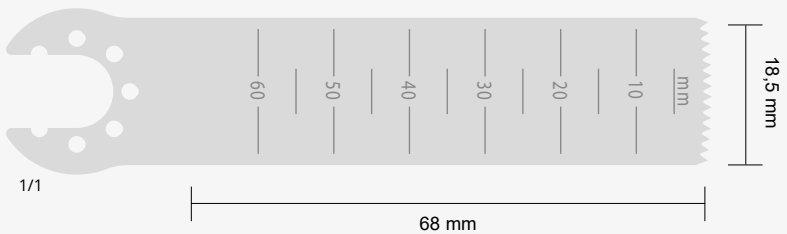
M103-1115

Material Thickness : 0.6 mm
 Cutting Thickness : 0.8 mm



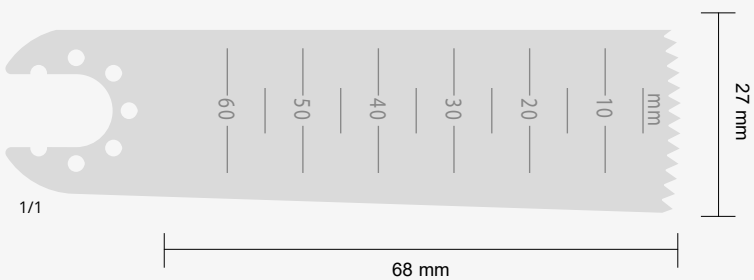
M103-1116

Material Thickness : 0.6 mm
 Cutting Thickness : 0.8 mm



M103-1117

Material Thickness : 0.6 mm
 Cutting Thickness : 0.8 mm



MINI STRAIGHT RECIPROCATING ATTACHMENT



1/2

M12-425T

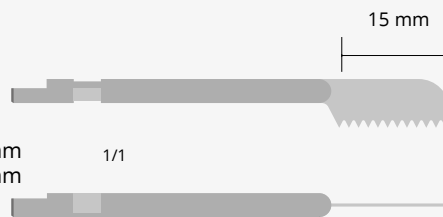
Straight reciprocating saw (use with M16-801T)

It is used in deep cutting the bones and other small bones in the mandibular and maxillofacial surgery.

No need for key to replace the blades.

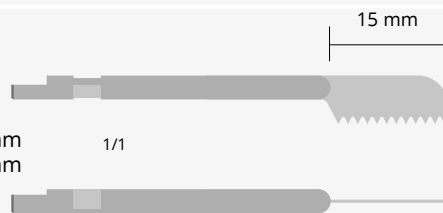
M12-426

Material Thickness : 0.4 mm
Cutting Thickness : 0.6 mm



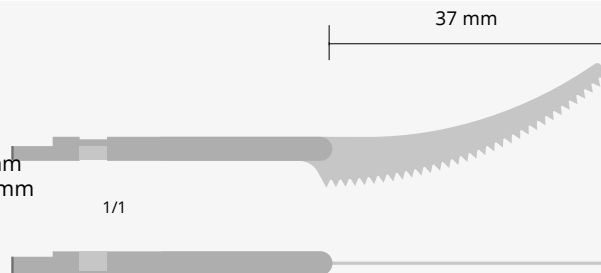
M12-427

Material Thickness : 0.6 mm
Cutting Thickness : 1.0 mm



M12-428

Material Thickness : 0.4 mm
Cutting Thickness : 0.55 mm



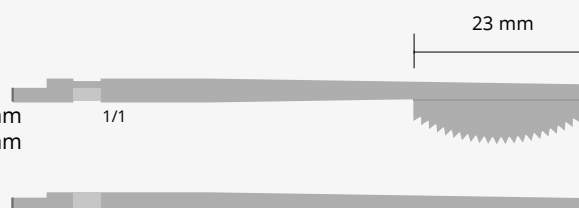
M12-429

Material Thickness : 0.4 mm
Cutting Thickness : 0.4 mm



M12-430

Material Thickness : 0.4 mm
Cutting Thickness : 0.4 mm



CARDIO

Cardiovascular Surgery
Sternum & Re-Operation Saw
High-Low Speed options

Suitable Handpieces and Saw Blades for cardiovascular surgery
Powerful & Lightweight handpiece designs
Adult & Pediatric Saw Blade Options
Special designed saw blades and systems for re-operation

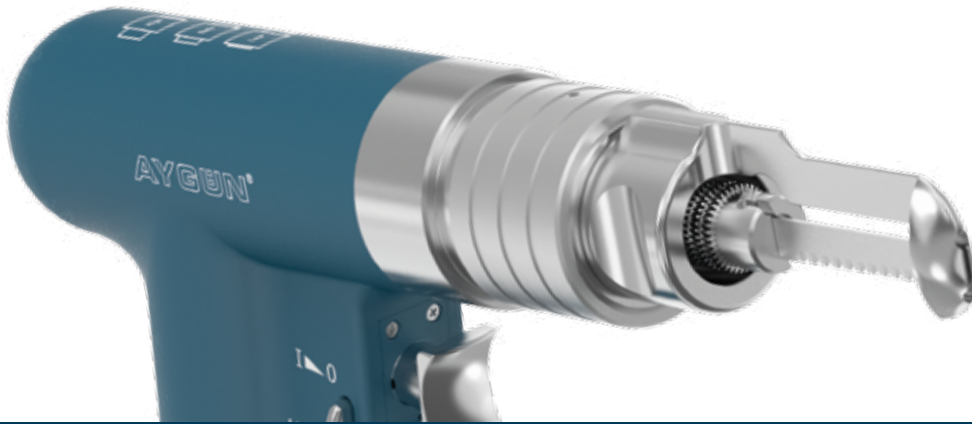




STERNUM SAW & OSCILLATING SAW SYSTEM



M300-223
Motor Cable
(4 m. long)



STERNUM SAW SYSTEM




M300-240
 Sternum Saw Handpiece
 (Without saw blades, guide and cable)

High-Low speed options
 Steam sterilisable
 11.000 - 14.000 cpm / \leftrightarrow 4 mm
 40 x 162 x 185 mm / 1125 g


M103-715
 Adult saw guide

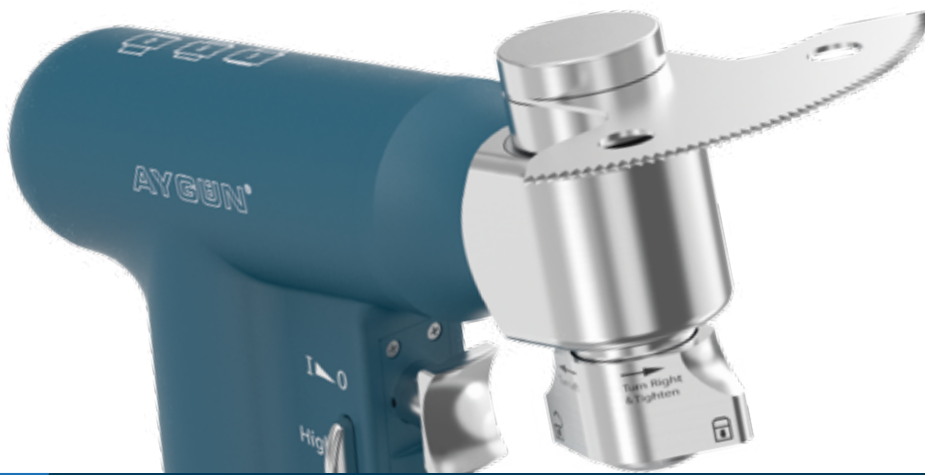


Adult saw blade	Code	Length	Usable Length	Blade Thickness	Cutting Thickness
	M103-709	58 mm	35 mm	0.6 mm	1 mm
	M103-710	58 mm	35 mm	0.8 mm	1.2 mm

M103-716
 Pediatric saw guide



Pediatric saw blade	Code	Length	Usable Length	Blade Thickness	Cutting Thickness
	M103-711	40 mm	18 mm	0.6 mm	0.6 mm
	M103-712	40 mm	18 mm	0.6 mm	0.8 mm



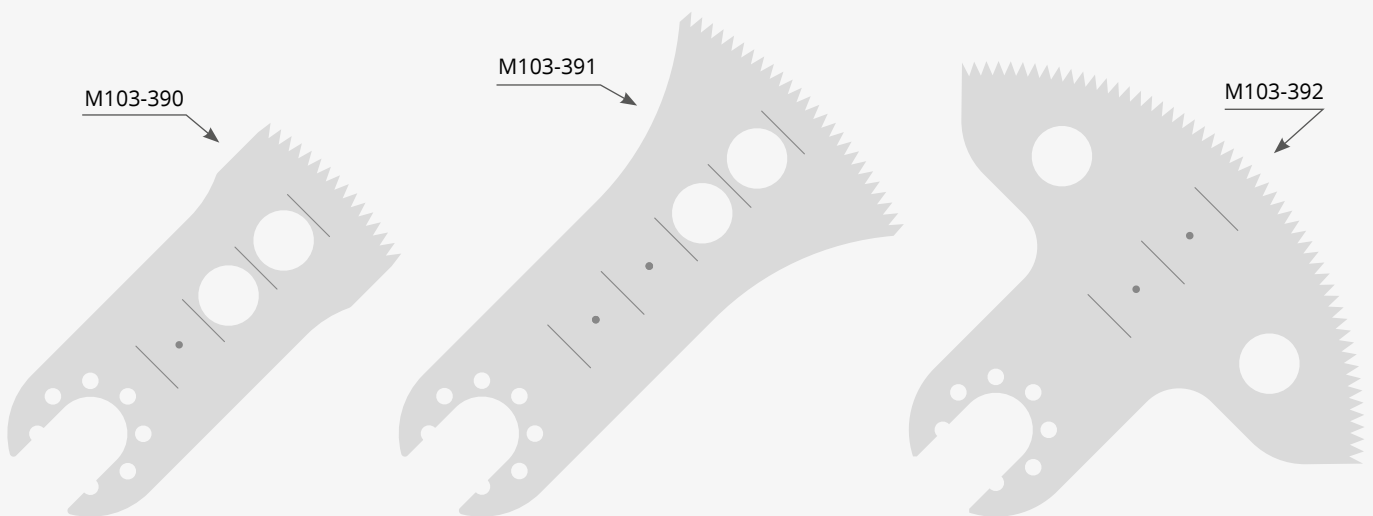
OSCILLATING SAW SYSTEM (Re-operation)



M300-300
Oscillating Saw Handpiece
(Without saw blades and cable)

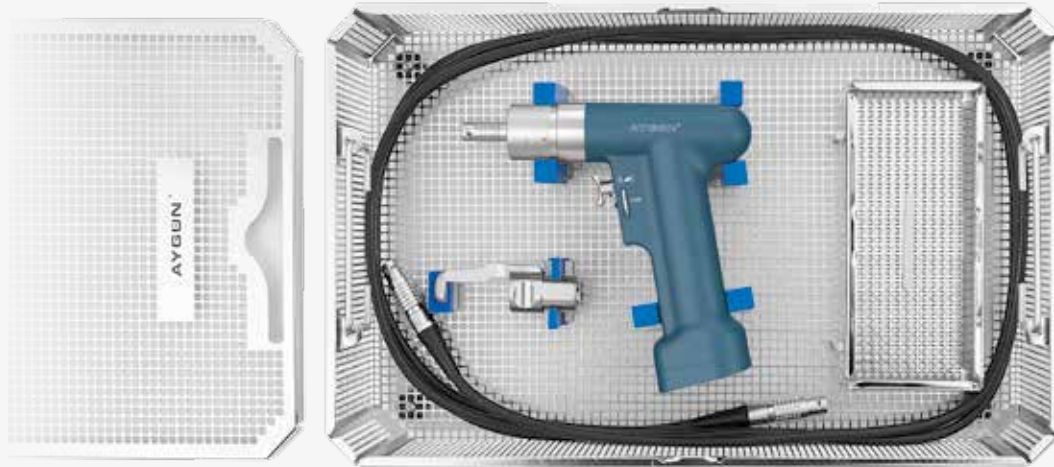
High-Low speed options
Steam sterilisable
11.000 - 14.000 cpm / $\angle 4^\circ 50'$
40 x 152 x 196 mm / 1070 g

BLADES (for M206-300)



Code	Length	Width	Thickness
M103-390	35 mm	25 mm	0.8 mm
M103-391	50 mm	40 mm	0.8 mm
M103-392	35 mm	75 mm	0.8 mm

STERNAL SAW SET



M16-1009 Sternal Saw Set

SET CONTENT

M16-405	Power console
M300-223	Motor cable
M300-240	Sternum saw handpiece
M103-715	Adult saw guide
M103-710	Adult saw blade
M14-816	Spray oil
K3-2731-S15	Basket with silicone fixations 411 x 259 x 114 mm
K6-340	Standard Model Lid
K6-307	Standard Model Box



M16-405
Scoren Power Console



K6-340
Standard Model Lid (Perforated)

K6-307
Standard Model Box (Non Perforated)

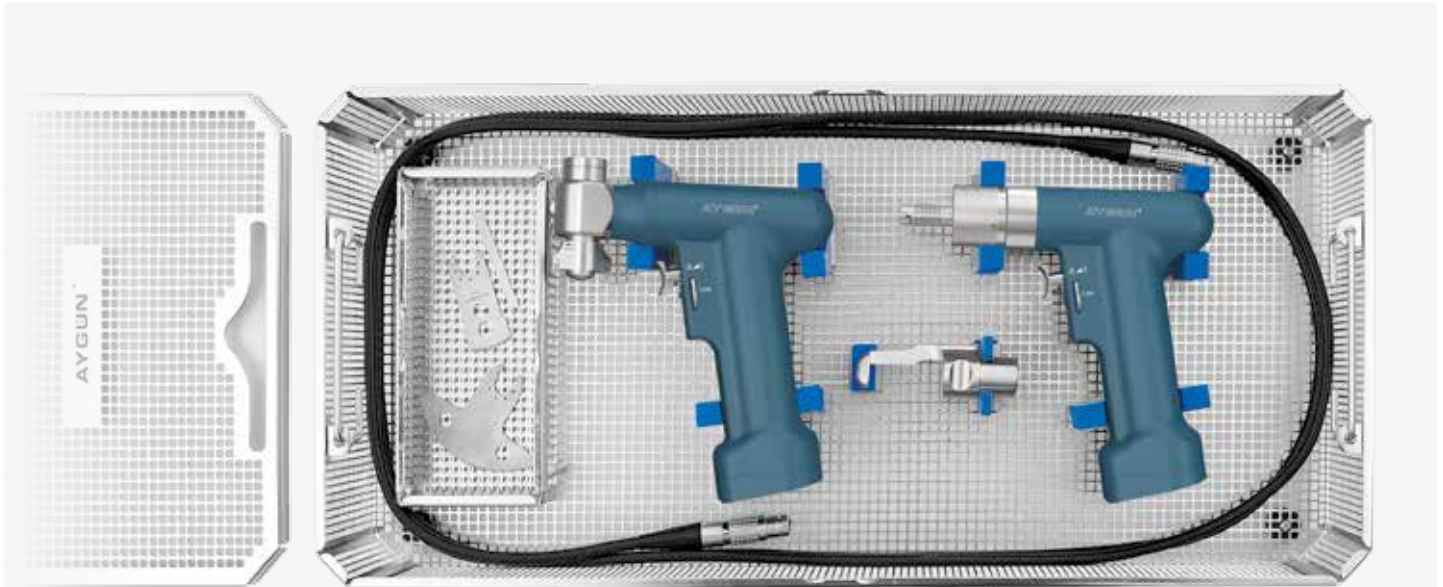


K3-2731-S15
Basket with silicone fixations
411 x 259 x 114 mm



M14-816
Spray oil

CARDIO VASCULAR SET



M16-1011 Cardio Vascular Set

SET CONTENT

M16-405	Power console
M300-223	Motor cable
M300-240	Sternum saw handpiece
M300-300	Re-Operation saw handpiece
M103-715	Adult saw guide
M103-710	Adult saw blade
M103-392	Re-Operation saw blade
M14-816	Spray oil
K3-2723-S4	Basket with silicone fixations 546 x 259 x 114 mm
K6-120	Standard Model Lid
K6-107	Standard Model Box



M16-405
Scoren Power Console



K6-120
Standard Model Lid (Perforated)

K6-107
Standard Model Box (Non Perforated)



K3-2723-S4
Basket with silicone fixations
546 x 259 x 114 mm



M14-816
Spray oil

R E C O N S T

Skin Transp. Dermatome Sys.
Ceramic & SS Blades
Skin Graft Mesher & Carrier

Dermatome system for skin transplantation
Ceramic & Stainless Steel Dermatome Blade Options
Easy to handle, precise cutting performance
Skin Graft Mesher with Carriers





DERMATOME SYSTEM



M300-223
Motor Cable
(4 m. long)



1/2

- M16-801T**
SCOREN 20.000 Rpm Motor
Swiss Made Powerful Brushless DC Motor Technology
- Autoclavable
 - Operating Speed: 20.000 rpm / (Adjustable Maximum Speed)
 - Torque: 10 N.cm
 - Dimensions: 133 x 23 mm
 - Weight: 160 g



M16-058
Mono Control Pedal



M14-311
Foot Control
Pedal Cable

DERMATOME HANDPIECE



M14-1200
Dermatome Handpiece
(With M14-800 max: 20.000 rpm)

- Autoclavable
- 205 x 95 x 42 mm / 980 g

Dermatome Level	Cutting mm	Thickness inch
1	0.1	0.0039
2	0.2	0.078
3	0.3	0.011
4	0.4	0.0157
5	0.5	0.0197
6	0.6	0.0236
7	0.7	0.0276
8	0.8	0.0315
9	0.9	0.0354
10	1.00	0.0394



②

M7-105
Spare blades (10 ea)
One side cutting only.
Stainless steel

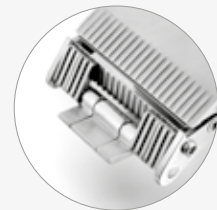
- 81 x 18,5 x 0,40 mm



②

M7-105C
Ceramic spare blade (1 piece)
(Ultrasharp)
One side cutting only.
Zirconium oxide (ZrO₂)
Patent pending

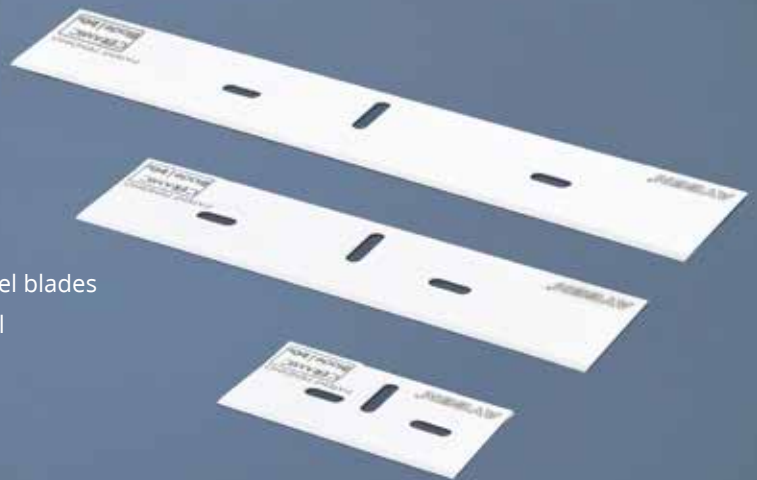
- 81 x 18,5 x 0,40 mm



*7 flaps give the ability to adjust cutting width from 9.75 mm to 78 mm.
(Width of middle flap is 19,5 and others are 9,75)*

Ceramic Dermatome Blades

- Provides up to 10 times sharpness than traditional steel blades
- Biocompatible zirconium oxide (ZrO₂) ceramic material
- Autoclavable
- Not affected by chemicals
- Provides measurement stability with its rigid structure



SKIN GRAFT MESHER



Guides for Graft Carrier



Ratchet Handle for Easy Operation

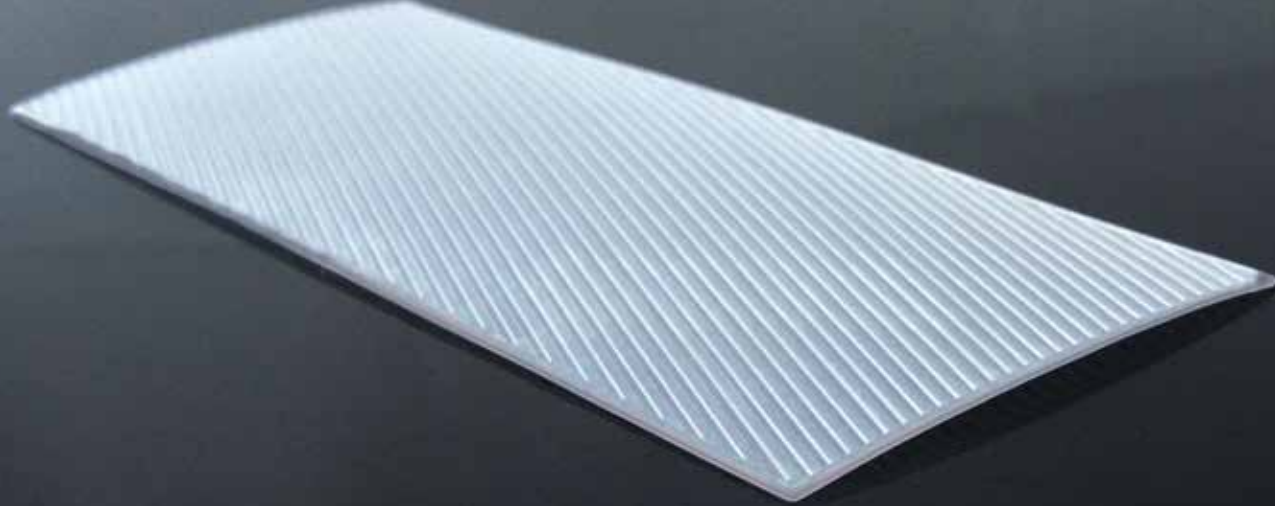


Graft Thickness Adjustment (0-1,5 mm)

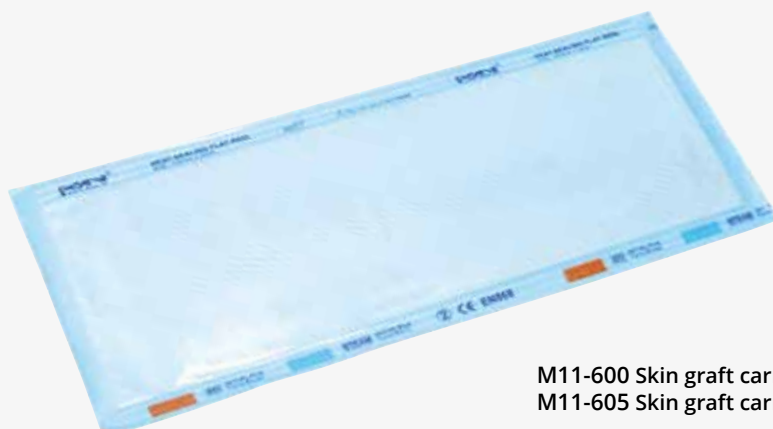


M11-500
Skin Graft Mesher
205 x 165 x 120 mm / 4000g

- Single cutter cuts skin graft into geometrical shaped mesh & enlarges skin surface
- Graft expansion predetermined by graft carrying plates, eliminates the need to change the cutter during operation
- Continuous feed design prevents graft carrying plate from being loaded incorrectly and allows multiple plates to be used without interruption
- Graft thickness adjustment feature allows expansion on thin and thick grafts
- Easy availability of replacement parts



CARRIER



M11-600 Skin graft carrier > 1,5:1 (Box of 20)
M11-605 Skin graft carrier > 3:1 (Box of 20)



RECONSTRUCTION COMPLETE SET



M16-405
Scoren Power Console



M16-058
Mono Control Pedal



M14-311
Foot Control
Pedal Cable

M16-105 Reconstruction Complete Set

SET CONTENT

M16-405	Power console
M16-058	Foot Control pedal
M14-311	Pedal cable
M16-801T	20.000 Rpm motor
M300-223	Motor Cable
M14-1200	Dermatome handpiece
M7-105	Spare dermatome blades (10ea)
M11-500	Skin graft mesher
M11-600	Skin graft carrier > 1,5:1 (Box of 20)
M11-605	Skin graft carrier > 3:1 (Box of 20)



M16-801T
SCOREN 20.000 Rpm Motor



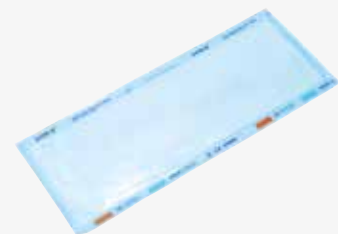
M300-223
Motor Cable



M14-1200
Dermatome Handpiece



M11-500
Skin Graft Mesher



M11-600 Skin graft carrier > 1,5:1 (Box of 20)
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M7-105
Spare blades (10 ea)

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