

S

SHAVER

C

CARDIO

O

ORTHO

R

RECONST

E

ENT

N[™]

NEURO

“Multiple Solution
For Your Operations”



SURGICAL MOTOR

SYSTEMS

AYGUN[®]
SURGICAL INSTRUMENTS CO., INC.

“ Meeting point for surgery...”

EDITON 01



“ Meeting point for surgery...”

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The weight and dimensional information given in our catalog are approximate values.

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www.aygun.com

OUR HISTORY

AYGÜN, one of the leading establishments of Turkey in the field of Medical Industry, was founded in 1988. It manufactures Container Systems for sterilization, Surgical Motor Systems, Medical Illumination Systems and Single Use Medical Systems in its facility at Samsun Central Organized Industrial Zone.

AYGÜN meets the needs of significant part of Turkey as a result of its continuous R&D works and the capacity increasing. It manufactures its products in international standards and put them to the world market with a high competitive power. Moreover with its integrated quality management system, it proves that it is a specialized establishment.

Besides being a manufacturer, AYGÜN is also a designer company and with its continuous product development works it increases number of its patents, on the other hand, is contributing career development of rising generation by acting as a school.





STERILIZATION CONTAINER SYSTEMS

All Aygün sterilization container systems are designed for perfect steam penetration, traceability, safety and stability. The locking mechanisms secure excellent grip and ensure up and down movement of the lids under steam pressure during the sterilization. We service our bottoms and lids made of 2 mm high quality special alloy aluminum raw material to the whole world with 8 basic color options.

CONTAINER MODELS

STANDARD PLUS
STANDARD MODEL
BIO-BARRIER MODEL
PPSU MODEL
WINDOW MODEL
B3 MODEL
PLASMA MODEL
A1 MODEL
SAFE MODEL



SURGICAL MOTOR SYSTEMS

The expertise of AYĞÜN in surgical motor systems gathered up many designs and systems that have special structures servicing from neuro and spinal surgery to many fields like cardiovascular, orthopedic, plastic, hand & foot and maxillofacial surgery. The quality, power and ergonomic design of the new generation of high-tech battery powered surgical motor systems once again demonstrates AYĞÜN's expertise in the medical field.

SURGICAL MOTOR SYSTEM MODELS

SCOREN
KARINCA 206
KARINCA 208
DERMATOME BES
DERMATOME ST-5
SKIN GRAFT MESHER
PRAXIS 3
PRAXIS 3B
STERNAL SAW 3B
HSM MICRO SYSTEM
HSM 2 NEURO & SPINE SYSTEM
MINI BONE 40.000 RPM
MINI BONE MONOBLOCK
ARTHROSCOPY SHAVER
MINI SURGICAL MOTOR
MINI COMPACT
NEURO AIR POWER
STANDARD MACRO
EPS MOTOR SYSTEM
MACRO COMPACT
MOBIL STATOR



SURGICAL ILLUMINATION SYSTEMS

Aygün is furthering a number of R&D projects simultaneously thanks to its advanced R&D infrastructure, team of engineers and technical personnel specialized in their field. Thus, the company holds tens of patents and models actively used in the medical sector.

ILLUMINATION SYSTEMS FEATURES

I-LIGHT LD SPECIFICATIONS
SUPERIOR OPTICAL PERFORMANCE
LIGHT BEAMS CONFIGURATION TO PROVIDE SHADOWLESS ILLUMINATION
ALMOST PERFECT COLOR RENDITION (TYP. 95)
TFT TOUCH SCREEN FOR LIGHTING CONTROL
ADJUSTABLE BEAM SIZES TO USER PREFERENCES
SUITABLE FOR USE WITH LAMINAR FLOW FUNCTIONAL CEILINGS
EASY TO CLEAN
MINIMUM ENERGY CONSUMPTION
60.000 HOURS LED LIFE
INDIRECT ENDO LIGHT FOR ENDOSCOPIC OPERATIONS



DISPOSABLE MEDICAL PRODUCTS

AYĞÜN continues expanding its product range by adding other single use medical products to the completely silicone medical drainage systems needed by surgery. With its ISO 7 clean room and by carrying its expertise on sterilization and operation solutions one step further, AYĞÜN offers professional service to its valued customers in disposable medical items as well.

DISPOSABLE PRODUCTS MODELS

REUSABLE LARYNGEAL MASK
SILICONE PENROSE DRAIN TUBE
SPIRAL IN TUBES
SILICONE NUTRITION TUBE
SILICONE ROUND DRAIN
SILICONE FLAT-SOFT DRAIN
SILICONE FLAT DRAIN
INTUBATION TUBE
PVC LARYNGEAL MASK
SILICONE PENROSE DRAIN
SILICONE THORAX DRAIN
TRACHEOSTOMY TUBE
INTUBATION TUBE
VAC SILICONE DRAIN
OXYGEN MASK

for more
visit us
www.aygun.com

WE ARE GROWING TOGETHER

Aygün has an actively growing position in the sector through using a high technology and innovative institutional structure.



OUR VISION

The vision of AYGÜN is to grow in health sector according to the developing technology and sectoral innovations and serve humanity by producing new project and products appropriate to these innovations.

OUR MISSION

AYGÜN builds projects that can contribute to human health all over the world and integrates these projects to its production area and products in the light of technological developments. It constantly stays active with its innovative and explorer soul and remains taking part among the leader companies ruling the sector.

QUALITY MANAGEMENT SYSTEM

- ISO 9001:2015
- ISO 14001:2015
- ISO 45001: 2018
- ISO 13485:2016
- 93/42/EEC
- FDA 510 (K)
- 2017/745 (EU)





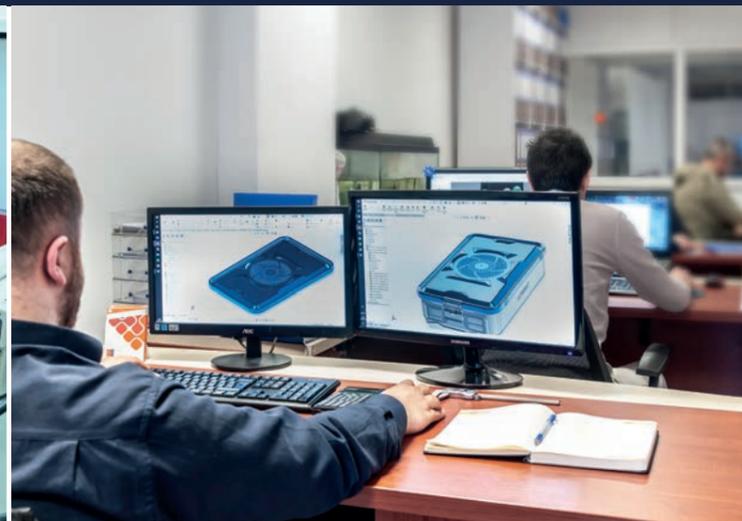
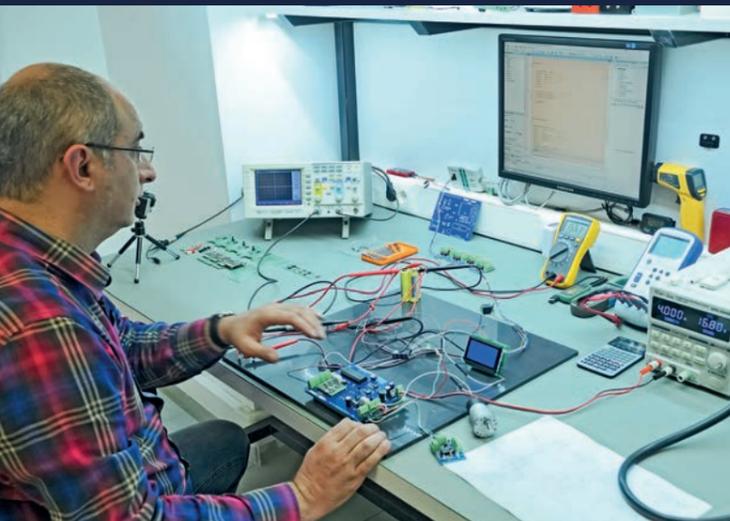
PRODUCTION

Sense of high-grade quality in each process from raw material supply to the shipment is combined with integrated quality management system according to the standards. A big stuff gathered under the same roof and adopted importance of teamwork carry all stages above the dreams and makes what is desired real.

TECHNICAL INFRASTRUCTURE

CNC Machines
Hydraulic and Eccentric Presses
Hot Presses
Conventional CNC Machines
Mold Design and Molding Technology
3D Modelling Technology
Thermoforming
Cutting Machines

Electronic Design and Manufacturing Engineering
Software Technology
Fine Mechanic Techniques
Hardening
Laser Technology
Silicone Extrusion Technology
Clean Room – ISO 7
Chemical Coating and Anodizing Technology



COMBINATION OF PRECIOUS HIGH TECHNOLOGY PRODUCTION MACHINES AND PERFECT CRAFTSMANSHIP,

New product development desire and need began in minds becomes sharable and interpretable with 3D printers and technical drawings. After setting the models and testing the prototypes, the production process starts for the approved designs. The production starts with combination of high technology production machines and perfect craftsmanship.

RESEARCH, DEVELOPMENT, QUALITY

AYGÜN increases its power with its endless R&D works. It makes all needed investments so as to research and develop even the smallest part of the complicated products manufactured and carries out successful projects with its professional engineer team. It both develops the existing products with today's technology and performs serious works on new product designs.



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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.



Numerical information



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

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 / ←→ 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

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

IRRIGATION PUMP



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



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



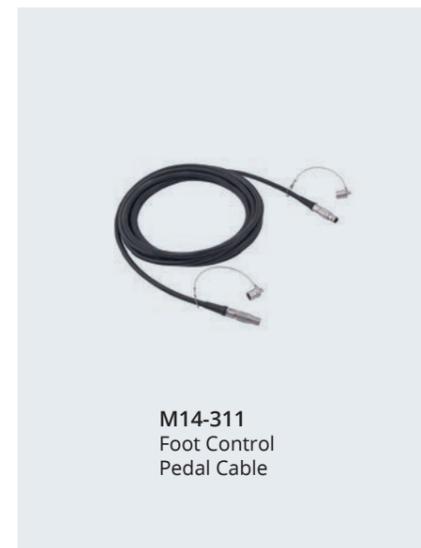
HIGH TORQUE MOTOR & MOTOR CABLE



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)

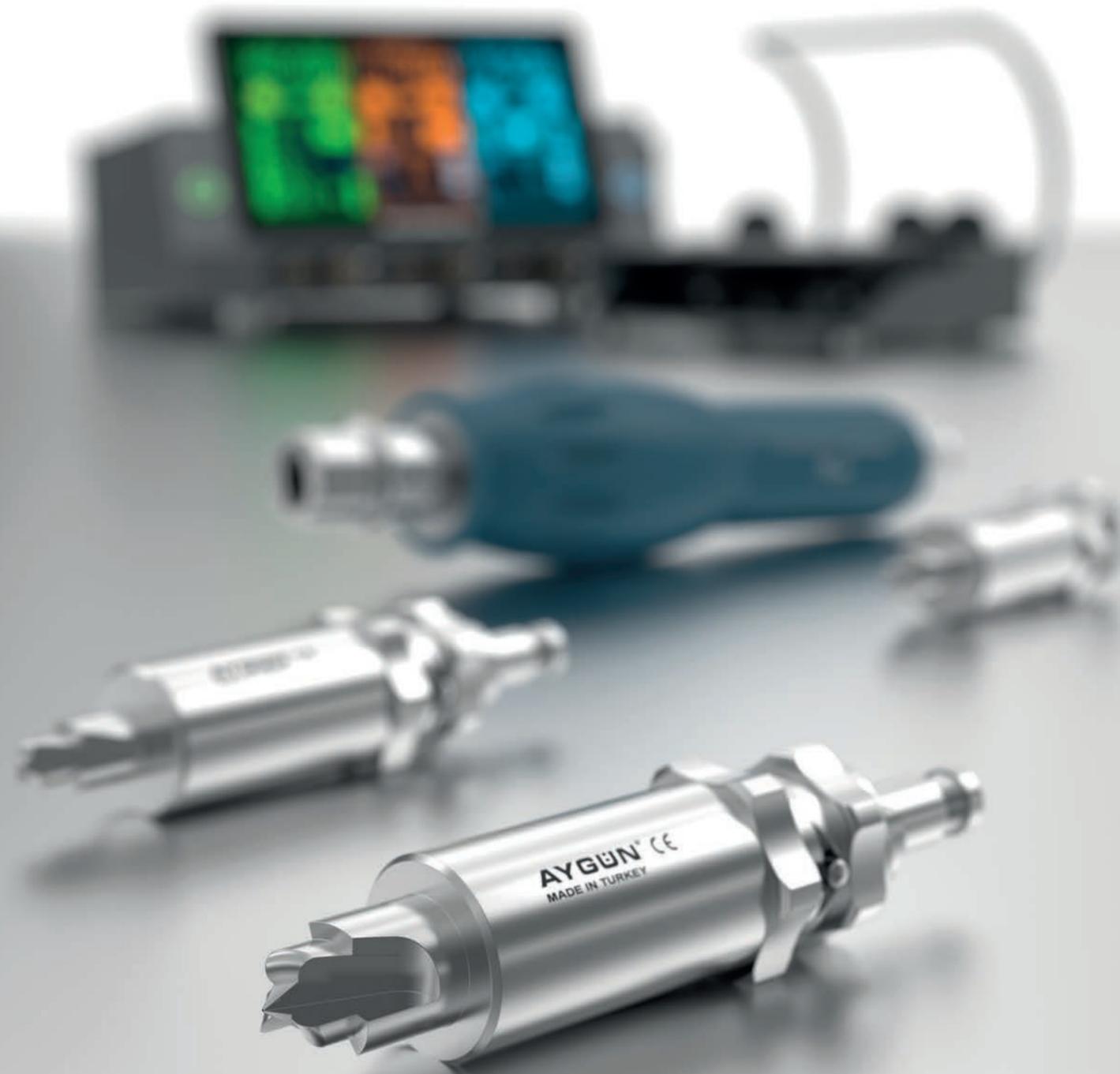


M7-122
Trepan (Ø 12/15 mm)

- 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

CRANIOTOME



M16-315
SCOREN Mini Craniotome

1/2



M16-330 79 mm
SCOREN Craniotomy

1/2

ROTATIONAL GUIDE

FIXED GUIDE



M14-324
Pediatric guide

1/2



M14-321
Pediatric guide

1/2



M14-325
Adult guide

1/2



M14-322
Adult guide

1/2



M14-326
Laminectomy guide

1/2



M14-323
Laminectomy guide

1/2



M14-337
Drill limit attachment

ROTATIONAL GUIDE

FIXED GUIDE



M16-346
Pediatric guide,
Rotational

1/2



M16-340
Pediatric guide

1/2



M16-347
Adult guide,
Rotational

1/2



M16-341
Adult guide

1/2



M16-342
Laminectomy guide

1/2



M16-331
Drill limit attachment

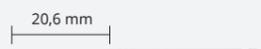
1/2



M14-327 Pediatric craniotome blade



M14-328 Adult craniotome blade



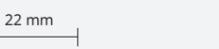
M14-329 Laminectomy craniotome blade



M14-343 Pediatric craniotome blade



M14-344 Adult craniotome blade

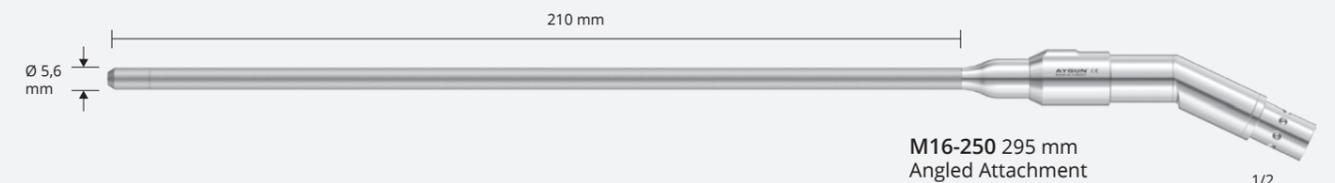
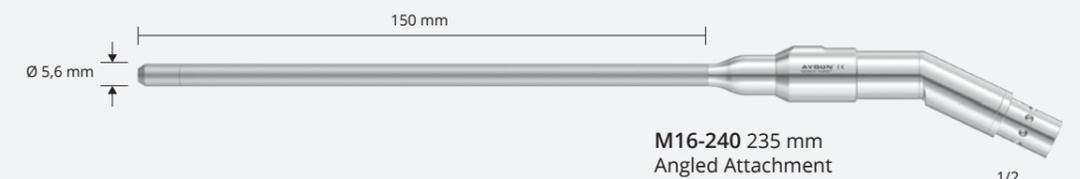
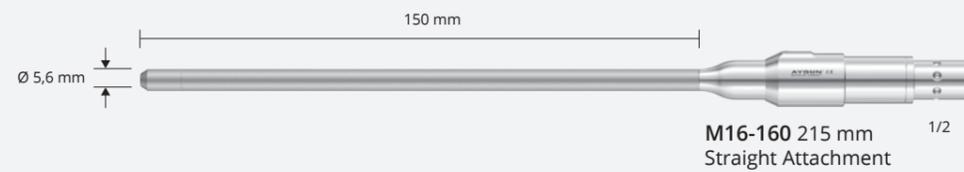
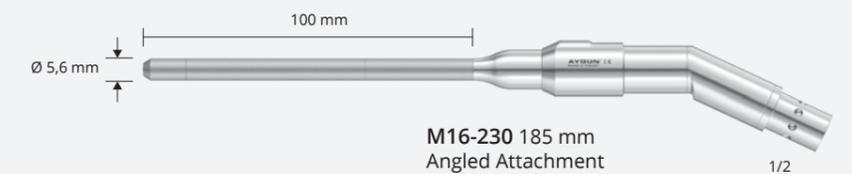
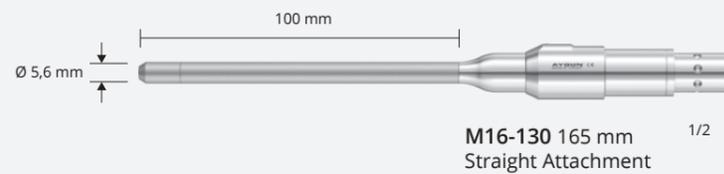
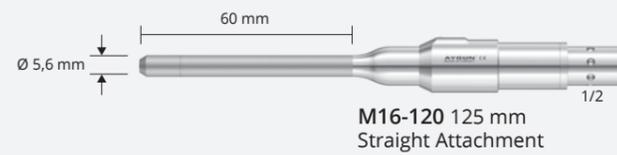


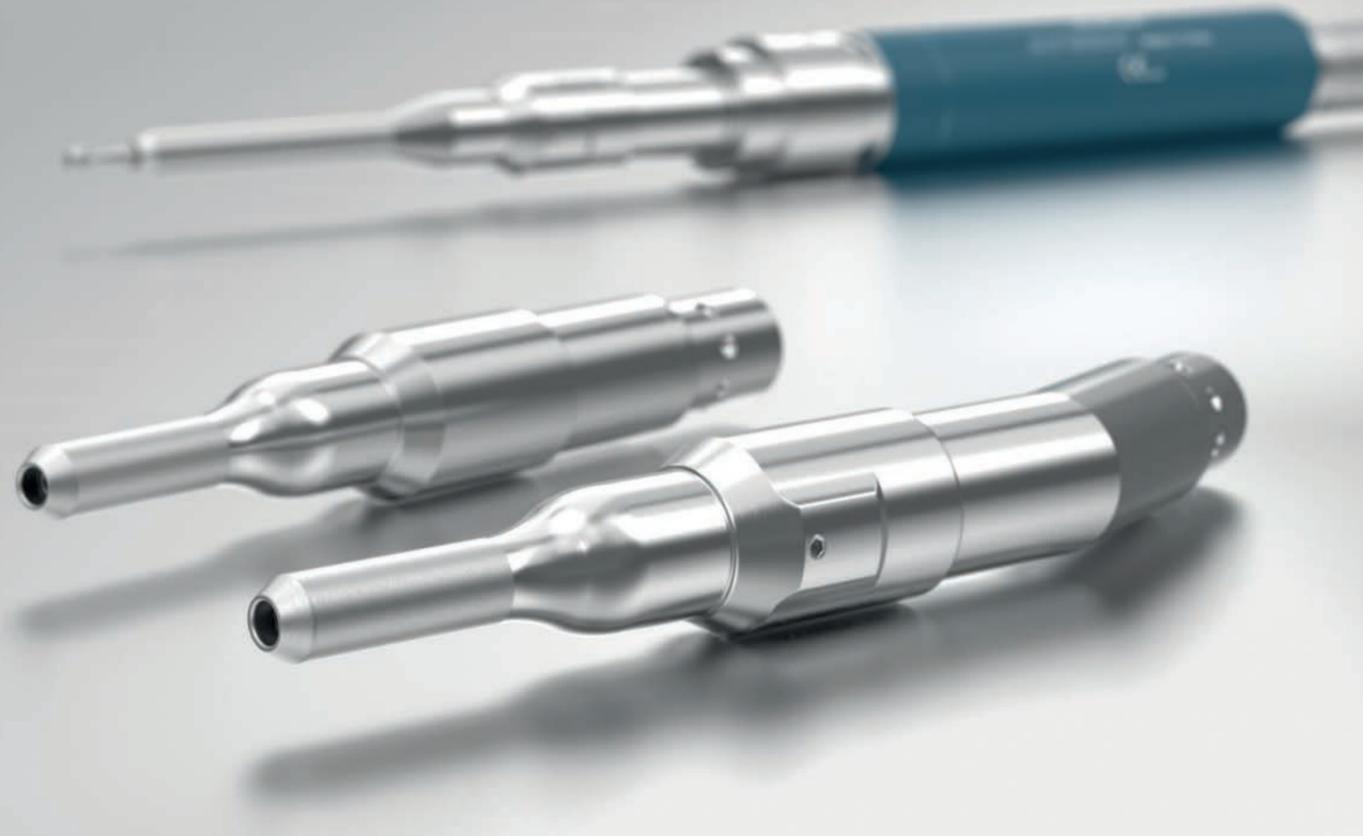
M14-345 Laminectomy craniotome blade



STRAIGHT ATTACHMENTS

ANGLED ATTACHMENTS





ROSEN DRILL TABLE FOR STRAIGHT & ANGLED ATTACHMENTS

TUNGSTEN DRILL TABLE FOR STRAIGHT & ANGLED ATTACHMENTS



ROSEN



**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	M14-410	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

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

NEURO DRILL TABLE FOR
STRAIGHT & ANGLED ATTACHMENTS



DIAMOND



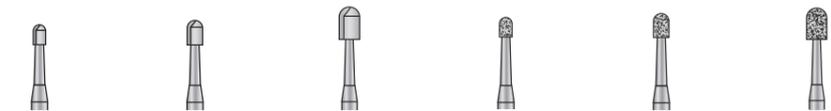
NEURO



**NEURO
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



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

DISPOSABLE DRILLS



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

ROSEN



DIAMOND



NEURO



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



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

ACCESSORIES



M16-770 98 mm
Metal Cutter

1/2

/ NEURO



M14-772

M14-773

M14-774

/ DRILL



Ø mm ▶

1,5

2

2,5

M14-775

M14-776

M14-777



M14-816
Spray oil



M16-817
Spray nozzle,
for attachments



M16-819
Spray nozzle,
for motor handpiece

NEUROSURGERY LARGE SET

NEUROSURGERY BASIC SET



M16-405
Scoren Power Console



M16-058
Mono Control Pedal



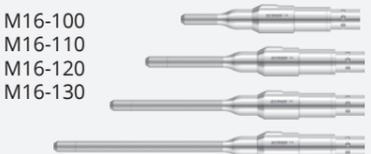
M14-311
Foot Control Pedal Cable



M16-302
90.000 Rpm Motor



M300-223
Motor Cable



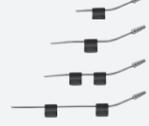
M16-100
M16-110
M16-120
M16-130



M16-200
M16-210
M16-220



M14-760
Bur guard



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



M14-412
M14-452
M14-492
Irrigation nozzle



M16-330
Craniotome Attachment



M16-331
Drill limit attachment



M14-343
M14-344
M14-345
Craniotome blades



M16-346
M16-347
M16-342
Guides



M16-770
Metal cutter



M14-772
M14-773
M14-774



M14-816
Spray oil



M16-817
M16-819
Nozzle



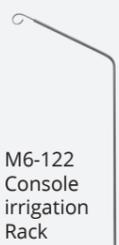
M16-352
Perforator handpiece



M7-120
M7-121
M7-122



M6-121
Tubing set



M6-122
Console irrigation Rack

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



M14-812
PPSU attachment stand



M14-813
Basket with silicone fixations



K6-120
Standard Model Lid



K6-107
Standard Model Box

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



M16-405
Scoren Power Console



M16-058
Mono Control Pedal



M14-311
Foot Control Pedal Cable



M16-302
90.000 Rpm Motor



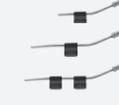
M300-223
Motor Cable



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



M16-331
Drill limit attachment



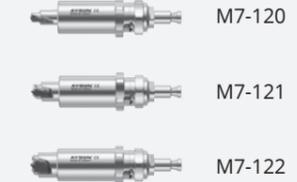
M14-343
M14-344
M14-345
Craniotome blades



M16-346
M16-347
M16-342
Guides



M16-352
Perforator handpiece



M7-120
M7-121
M7-122



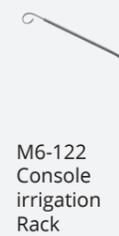
M14-816
Spray oil



M16-817
M16-819
Nozzle



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

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

INTRA MAIN PIECE ANGULAR



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
M8-210
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

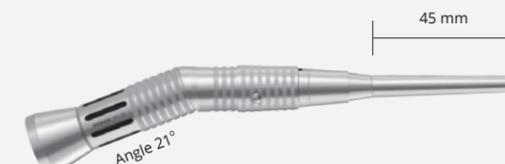


1/2
M8-202
INTRA Main Piece, Straight

- 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

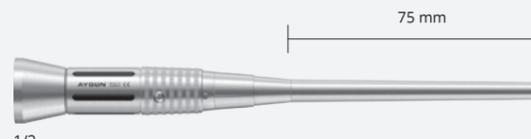


1/2
M8-211
INTRA Main Piece, Angular

- 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
M8-203
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

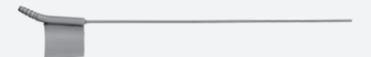


M8-552
Spray nozzle



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

TUNGSTEN DRILL TABLE FOR STRAIGHT & ANGLED ATTACHMENTS



ROSEN



DIAMOND



**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	M8-312	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

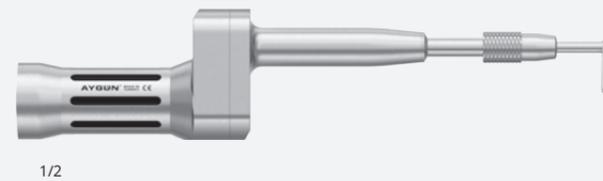
ATTACHMENTS	0,6 mm	0,8 mm	1,4 mm	2,3 mm	3,1 mm	4,0 mm	5,0 mm	7,0 mm
M8-201 M8-210	M8-354	M8-352	M8-350	M8-348	M8-346	M8-344	M8-342	M8-340
M8-202 M8-211	M8-714	M8-716	M8-418	M8-416	M8-414	M8-412	M8-410	M8-718
M8-203 M8-212	M8-752	M8-754	M8-468	M8-466	M8-464	M8-462	M8-460	M8-756

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

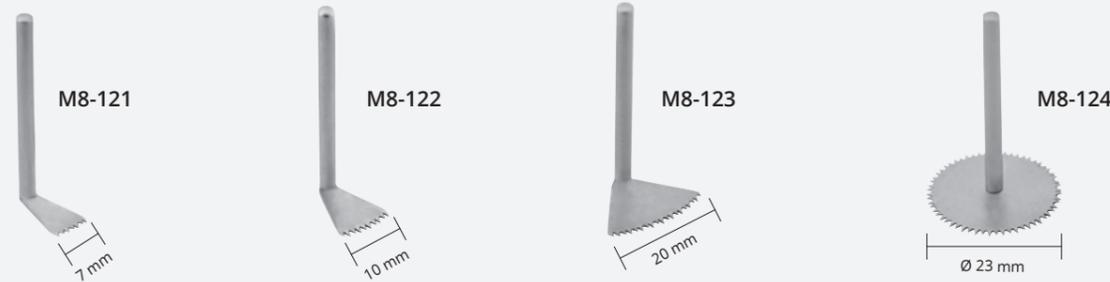
MICRO SAGITTAL ATTACHMENT



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



M8-1105T
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



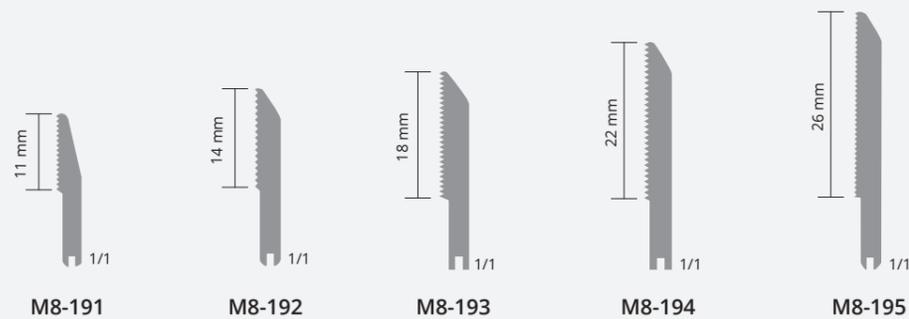
1/2 **M8-190T**
Micro straight reciprocating saw (use with M16-801T)
Without saw blades.

- 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



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.

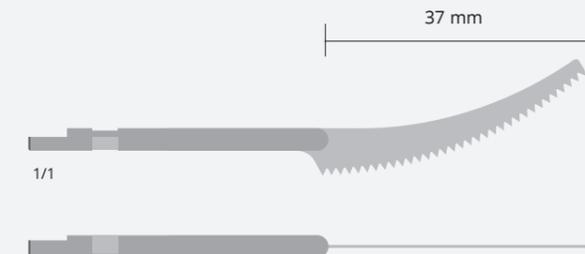
M12-426
Material Thickness : 0.4 mm
Cutting Thickness : 0.6 mm



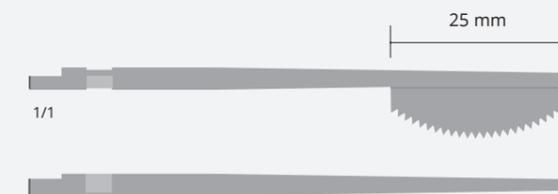
M12-427
Material Thickness : 0.6 mm
Cutting Thickness : 1.0 mm



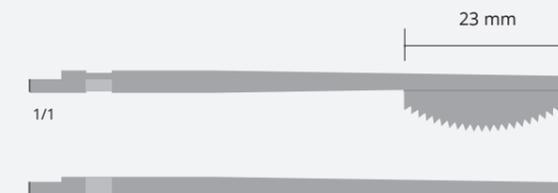
M12-428
Material Thickness : 0.4 mm
Cutting Thickness : 0.55 mm



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

ENT BASIC SET

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)



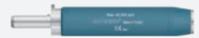
M16-405
Scoren Power Console



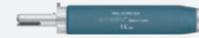
M16-058
Mono Control Pedal



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



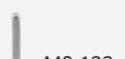
M8-456



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



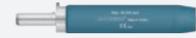
M16-405
Scoren Power Console



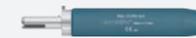
M16-058
Mono Control Pedal



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



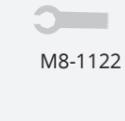
M8-120
Micro oscillating saw
(use with M16-801T)



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

SHAVER 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 tubular			M16-555H
 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
 Hip-Perfect Burr	M16-42HS		
			Ø burr 5.0 mm

For arthroscopic treatment of femoroacetabular impingement of the Cam type.

SHAVEN SET WITH BUTTON

SHAVEN SET WITHOUT 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 Aggressive 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



M16-405
Scoren Power Console

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 Aggressive 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



M16-059
Dual Control Pedal



M14-311
Foot Control
Pedal Cable



M16-600
Shaver, without button



M16-1342
Aggressive Full Radius



M16-2542
Double Full Radius



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)



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)

ORTHO

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

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

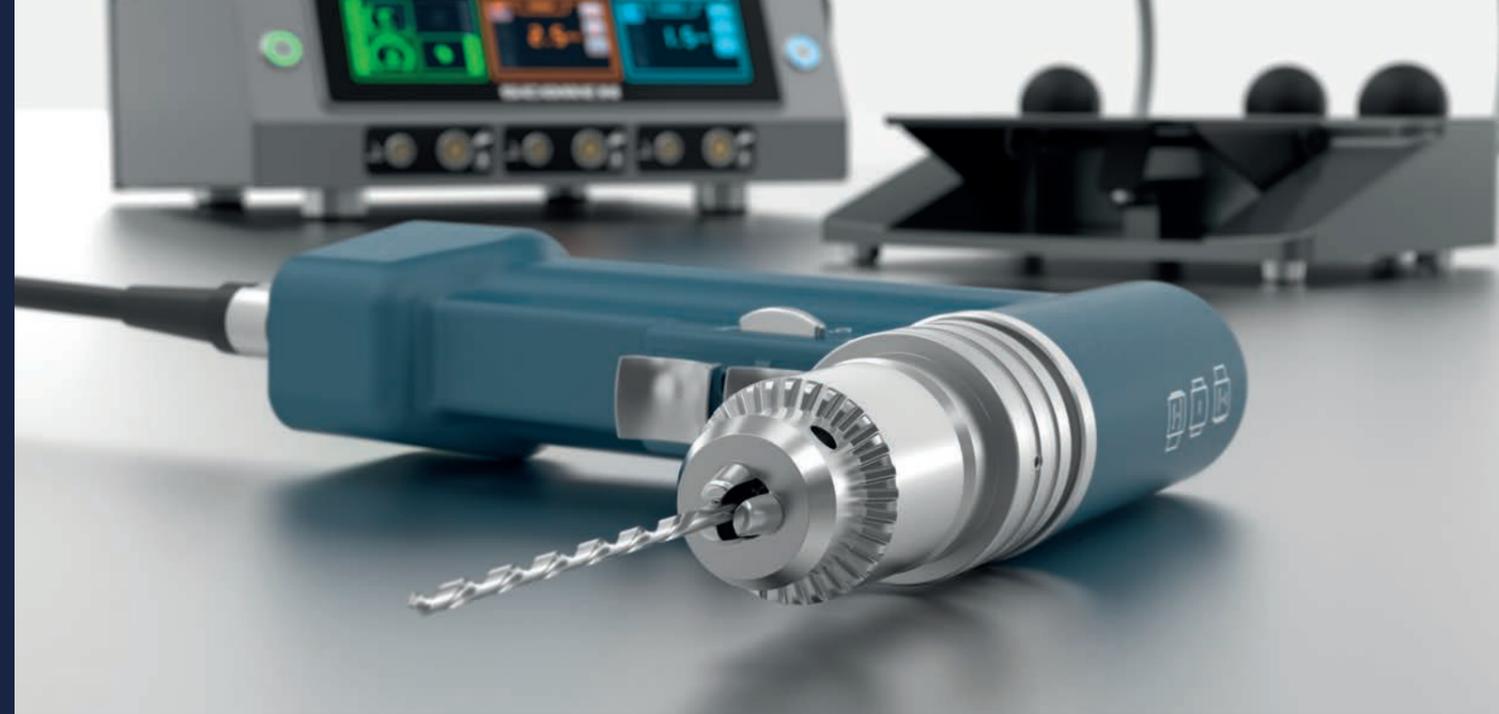
Light weight & Ergonomic Design Power Handpieces

Drilling, Oscillation, Screwing, Tapping and Reaming Modes

Speed can be controlled by triggers

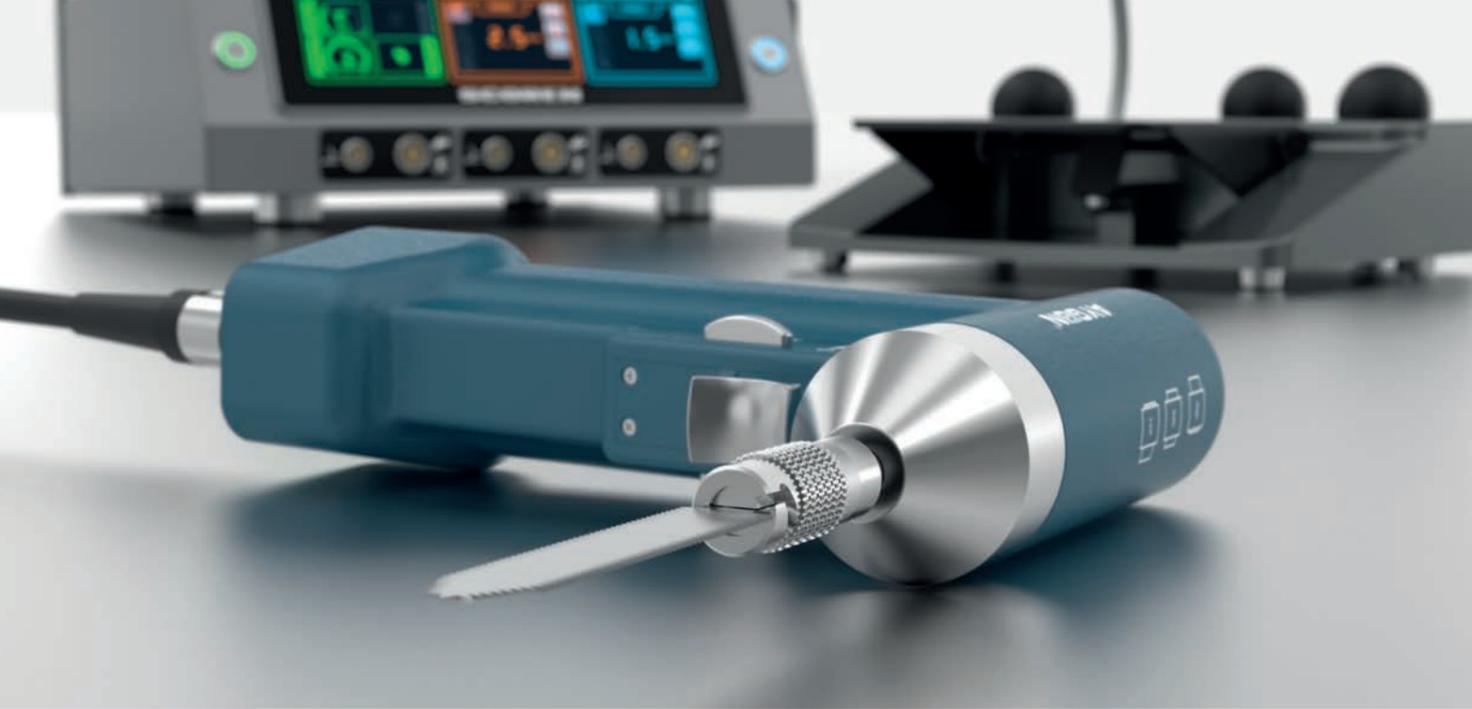
Large Bone Orthopedic Saw Blades

Micro and Macro Products for Orthopedics&Traumatology



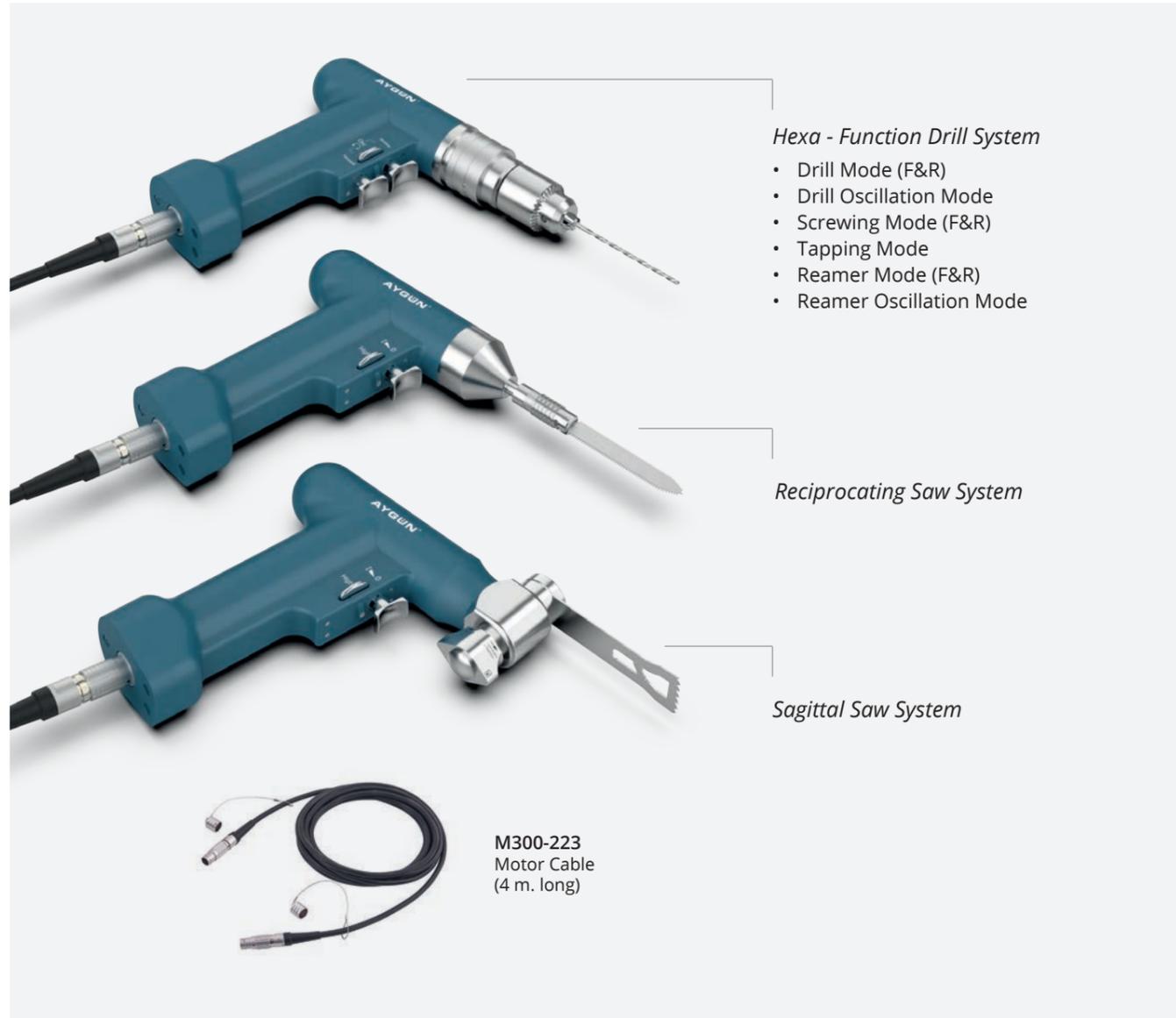
LARGE BONE & SMALL BONE





LARGE BONE

SMALL BONE



Hexa - Function Drill System

- Drill Mode (F&R)
- Drill Oscillation Mode
- Screwing Mode (F&R)
- Tapping Mode
- Reamer Mode (F&R)
- Reamer Oscillation Mode

Reciprocating Saw System

Sagittal Saw System

M300-223
Motor Cable
(4 m. long)



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

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



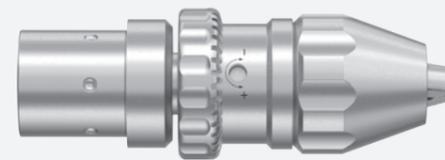
M7-250
Chuck key
for M206-309

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

Six Different Trigger Functions



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

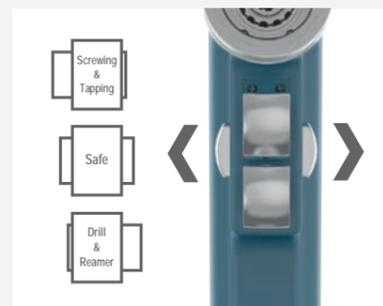
- Dual trigger system for speed control and direction control
- Steam sterilisable
- Drill Mode F&R (1200 rpm)
- Drill Oscillation Mode (1200 cpm)
- Screwing Mode F&R (150 rpm)
- Tapping Mode (150 rpm)
- Reamer Mode F&R (300 rpm)
- Reamer Oscillation Mode (300 cpm)
- Torque 4 N.m
- Cannulated Ø 4 mm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

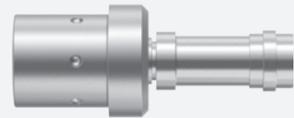


Code	Ø Diameter mm	L Length mm
M7-500	1.5	60
M7-501	2.0	100
M7-502	2.5	100
M7-503	2.7	100
M7-504	3.0	100
M7-505	3.2	100
M7-506	3.5	100
M7-507	4.0	110
M7-508	4.5	130
M7-509	5.0	160
M7-510	6.0	160

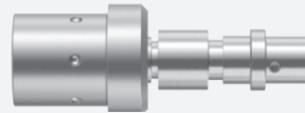


SHANK DRILL BIT ATTACHMENTS

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

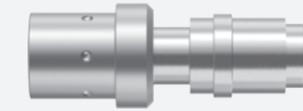


SHANK DRILL BITS

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

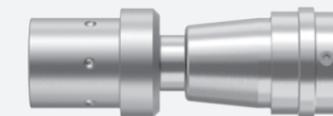
M206-375
Attachment for OSTEO shank
Ø4 mm Cannulated
300 rpm / 22 Nm
29 x 78 mm / 160 g



M206-376
Attachment for DHS shank
Ø4 mm Cannulated
300 rpm / 22 Nm
29 x 100 mm / 170 g



M206-377
Attachment for AO-PROTEK shank
Ø4 mm Cannulated
300 rpm / 22 Nm
29 x 82 mm / 210 g



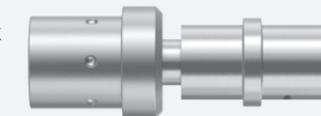
M206-378
Attachment for HUDSON shank
Ø4 mm Cannulated
300 rpm / 22 Nm
29 x 68 mm / 145 g



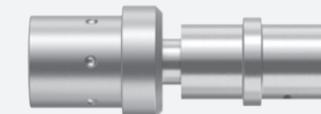
M206-320
Attachment for HARRIS shank
150 - 300 rpm / 35 Nm
29 x 80 mm / 175 g



M206-380
Attachment for ZIMMER-HUDSON shank
Ø4 mm Cannulated
300 rpm / 22 Nm
29 x 115 mm / 155 g

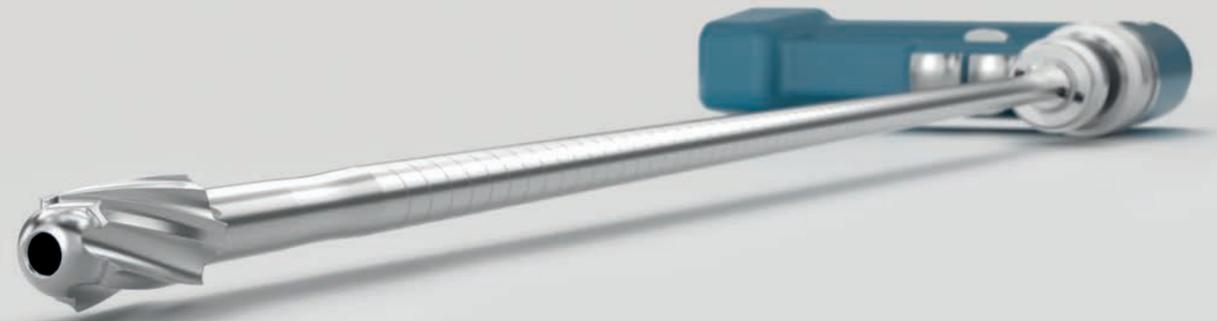


M206-381
Attachment for ZIMMER shank
Ø4 mm Cannulated
300 rpm / 22 Nm
29 x 115 mm / 155 g



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





REAMER ATTACHMENT

REAMERS

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



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



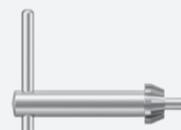
M7-908
Adaptor for Hudson
Cannulated Ø 4 mm



M7-907
Adaptor for Harris
Cannulated Ø 4 mm



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



M7-250
Chuck key
for M7-906

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						

DIN 58809



ACETABULAR REAMER ATTACHMENT

ACETABULAR REAMER TOOLS

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

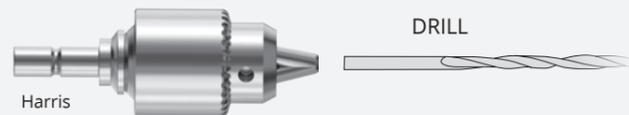
M7-707
Adaptor for Hudson shaft



Harris

HUDSON

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



Harris

DRILL



M7-250
Chuck key
for M7-708

HARRIS



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

HARRIS

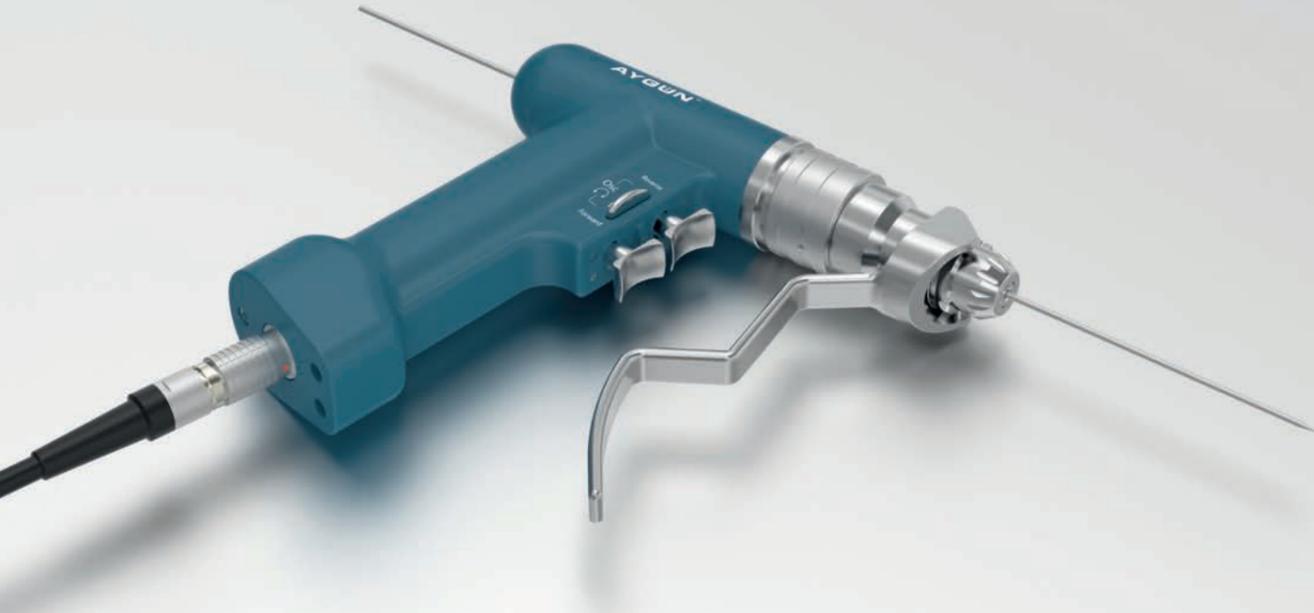


M7-789
Movable protector case,
Fits with all reamer shafts

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)



RECIPROCATING SAW SYSTEM

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



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

High-Low speed options
Steam sterilisable
11.000 - 14.000 cpm / ↔ 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



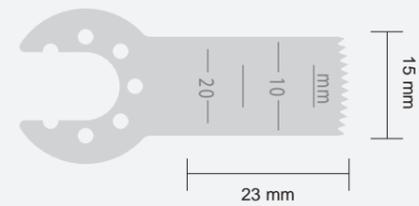
SAGITTAL SAW SYSTEM



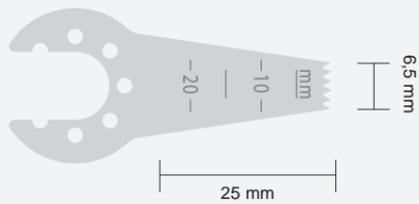
M300-300
Oscillating Saw Handpiece
(Without saw blades and cable)

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

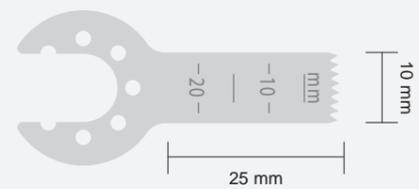
SAGITTAL SAW BLADES



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



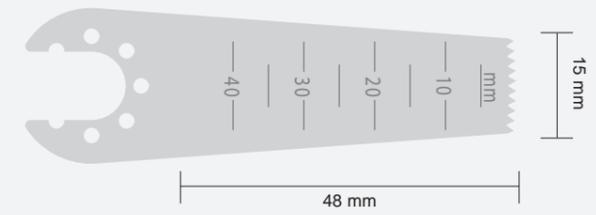
M103-1111
Material Thickness : 0.4 mm
Cutting Thickness : 0.6 mm



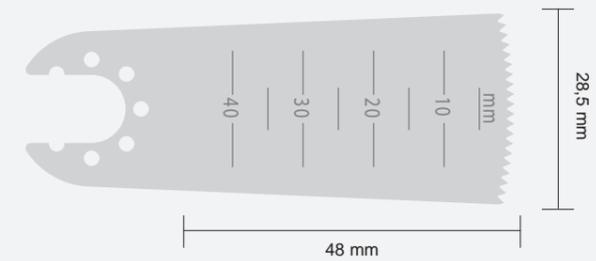
M103-1112
Material Thickness : 0.4 mm
Cutting Thickness : 0.6 mm

SAGITTAL SAW BLADES

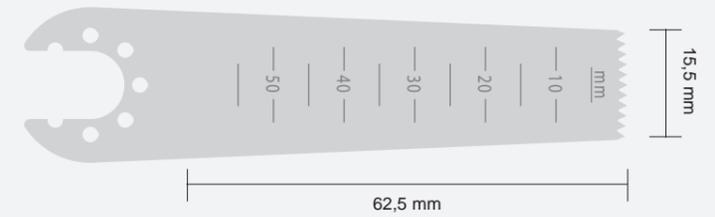
M103-1113
Material Thickness : 0.4 mm
Cutting Thickness : 0.6 mm



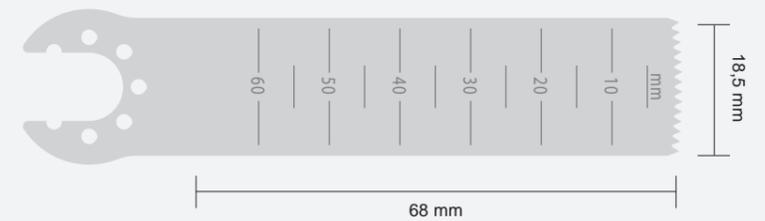
M103-1114
Material Thickness : 0.4 mm
Cutting Thickness : 0.6 mm



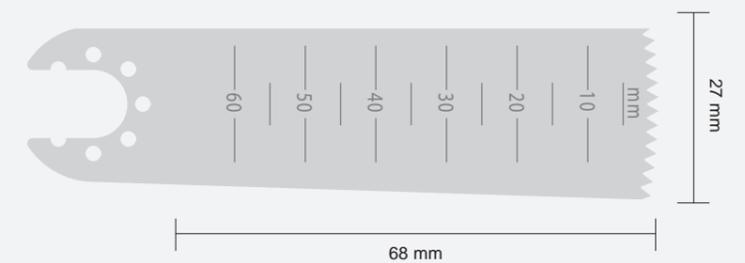
M103-1115
Material Thickness : 0.6 mm
Cutting Thickness : 0.8 mm



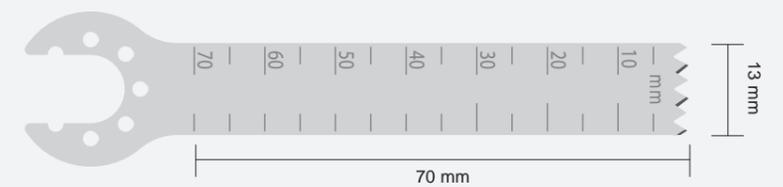
M103-1116
Material Thickness : 0.6 mm
Cutting Thickness : 0.8 mm



M103-1117
Material Thickness : 0.6 mm
Cutting Thickness : 0.8 mm



M103-1118
Material Thickness : 1.19 mm



SAGITTAL SAW BLADES

SAGITTAL SAW BLADES

M103-1119
 Material Thickness: 1 mm

70 mm
19 mm

M103-1120
 Material Thickness: 1 mm

70 mm
25.5 mm

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

90 mm
13 mm

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

90 mm
19 mm

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

90 mm
22 mm

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

90 mm
13 mm

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

90 mm
19 mm

M103-1138
 Material Thickness: 1.27 mm

90 mm
22 mm

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

90 mm
22 mm

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

90 mm
25.5 mm

M103-1146
 Material Thickness: 1.27 mm

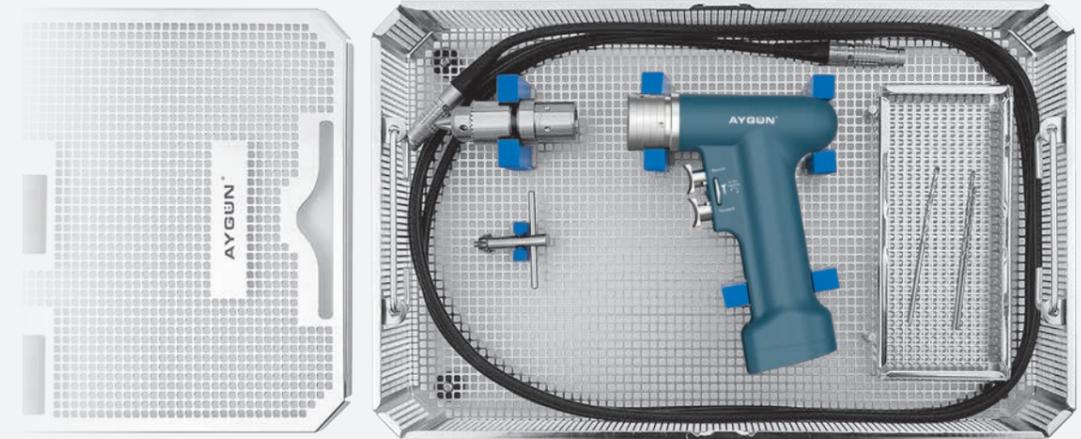
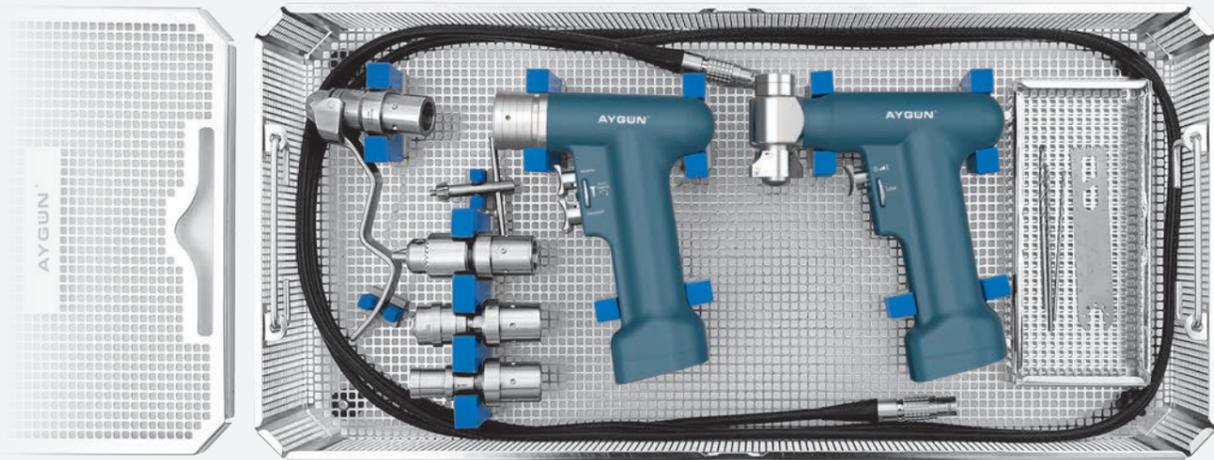
100 mm
17 mm

M103-1147
 Material Thickness: 1.19 mm

100 mm
19 mm

ORTHOPEDIC SET

DRILL 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

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



K6-120
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



K6-340
Standard Model Lid (Perforated)
K6-307
Standard Model Box (Non Perforated)



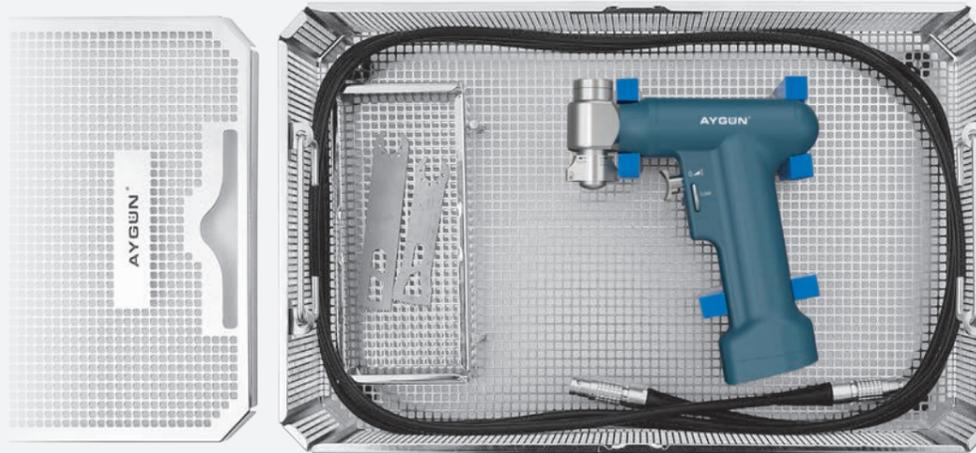
K3-2731-S12
Basket with silicone fixations
411 x 259 x 114 mm



M14-816
Spray oil

SAGITTAL SAW SET

RECIPROCATING 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

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



M14-816
Spray oil



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

MICRO DRILL & WIRE DRIVER



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



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

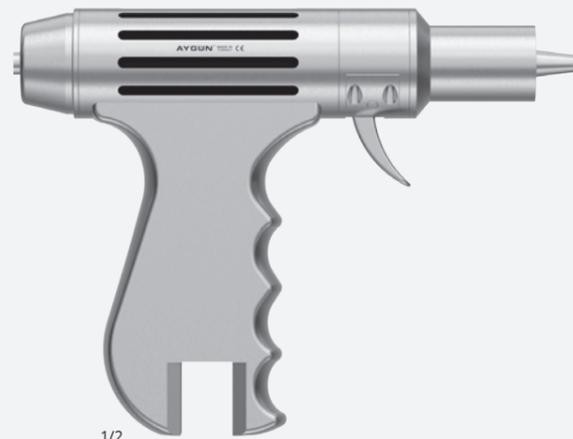




DRILL RW / FW



CHUCKS AND ADAPTORS (FOR M8-720T)



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

1/2



M7-670
Spray nozzle with clamp



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



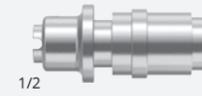
1/2

M7-683
Adaptor for AO shank use with M8-720T



1/2

M7-684
Adaptor for TRINKE shank use with M8-720T

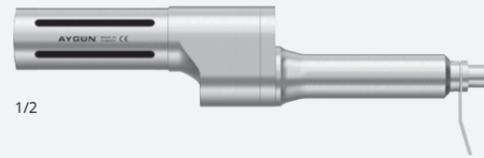


1/2

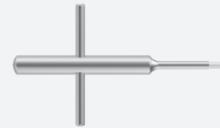
M7-685
Adaptor for OSTEO shank use with M8-720T



MINI OSCILLATING ATTACHMENT

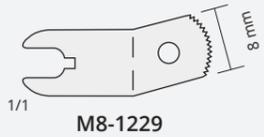
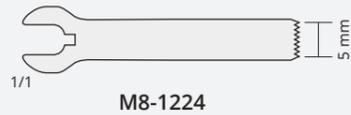
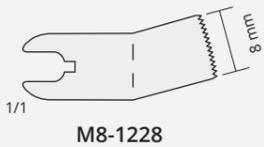
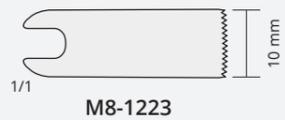
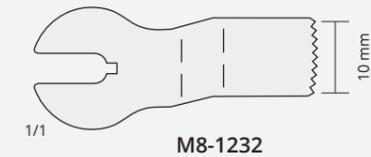
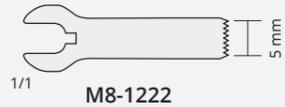
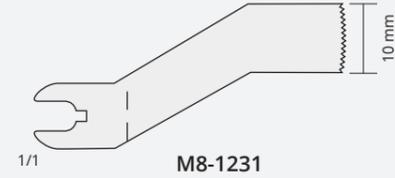
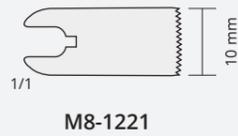
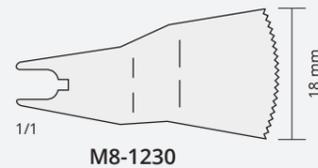
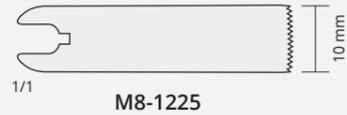
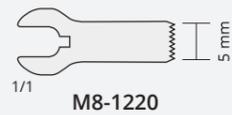


M12-360T
Micro Oscillating saw (use with M16-801T)
Oscillating degree is 7°
The cutting blade is replaced by using M7-320 Key
With key M7-320



M7-320
Key only,
for changing
saw blades

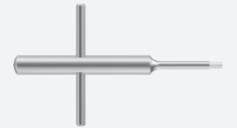
Mini Oscillating Saw, use with M12-360T



MINI SAGITTAL ATTACHMENT

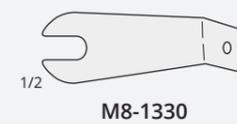
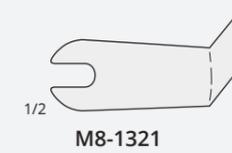


M12-380T
Mini Sagittal saw (use with M16-801T)
It is used in deep cutting the bones and other
small bones in the mandibular and maxillofacial surgery
The cutting blade is replaced by key
With key M7-320



M7-320
Key only,
for changing
saw blades

Mini Sagittal Saw, use with M12-380T



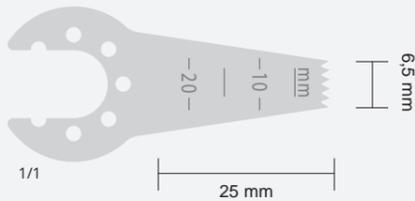
SMALL SAGITTAL ATTACHMENT



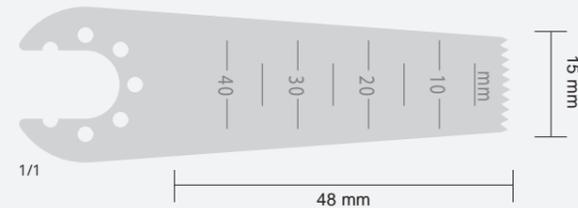
M8-283T
Small Sagittal Saw (use with M16-801T)
Saw blades have to be ordered separately.

1/2

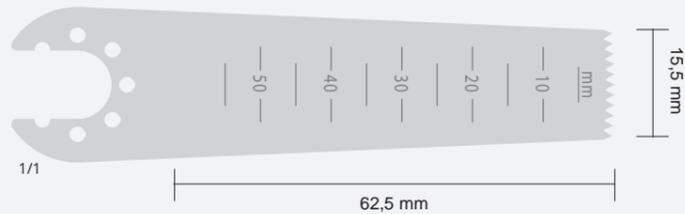
M103-1111
Material Thickness : 0.4 mm
Cutting Thickness : 0.6 mm



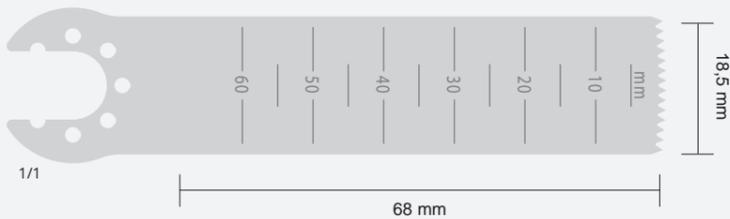
M103-1113
Material Thickness : 0.4 mm
Cutting Thickness : 0.6 mm



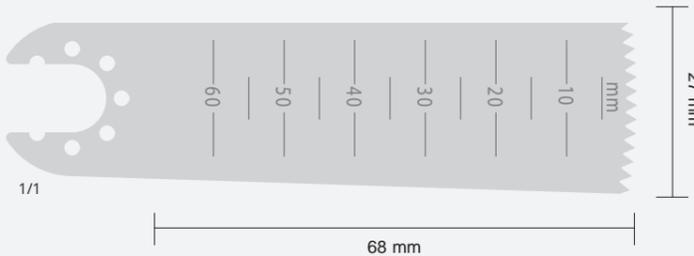
M103-1115
Material Thickness : 0.6 mm
Cutting Thickness : 0.8 mm



M103-1116
Material Thickness : 0.6 mm
Cutting Thickness : 0.8 mm



M103-1117
Material Thickness : 0.6 mm
Cutting Thickness : 0.8 mm



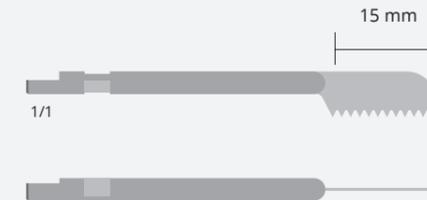
MINI STRAIGHT RECIPROCATING ATTACHMENT



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.

1/2

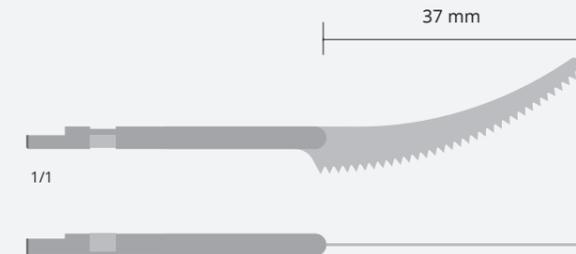
M12-426
Material Thickness : 0.4 mm
Cutting Thickness : 0.6 mm



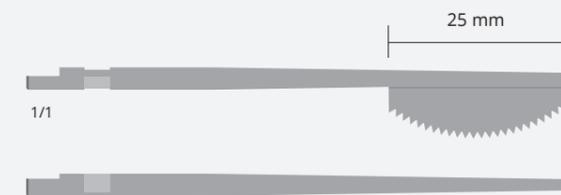
M12-427
Material Thickness : 0.6 mm
Cutting Thickness : 1.0 mm



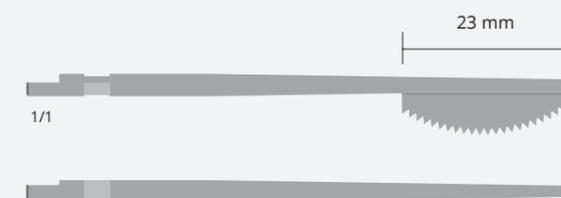
M12-428
Material Thickness : 0.4 mm
Cutting Thickness : 0.55 mm



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



OSCILLATING SAW SYSTEM (Re-operation)



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



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

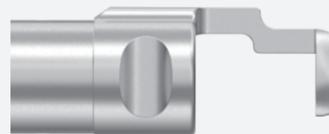
High-Low speed options
Steam sterilisable
11.000 - 14.000 cpm / \angle 4° 50'
40 x 152 x 196 mm / 1070 g

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

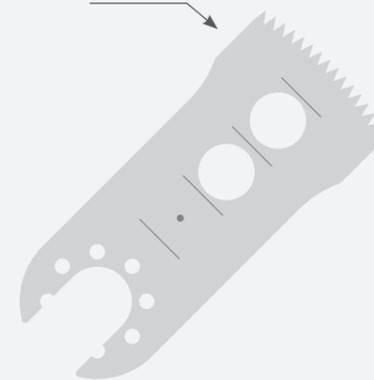
M103-716
Pediatric saw guide



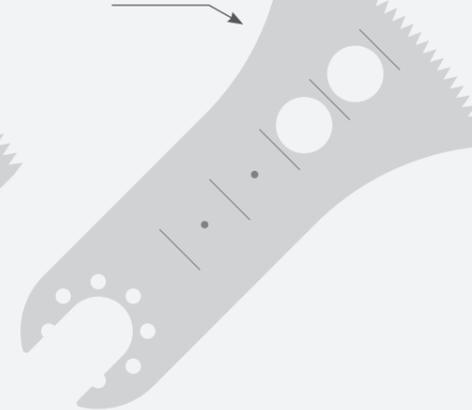
Pediatric saw blade	Code	Length	Usable Length	Blade Thickness	Cutting Thickness
	M103-711	40 mm	18 mm	0.6 mm	0.6 mm
	M103-712	40 mm	18 mm	0.6 mm	0.8 mm

BLADES (for M206-300)

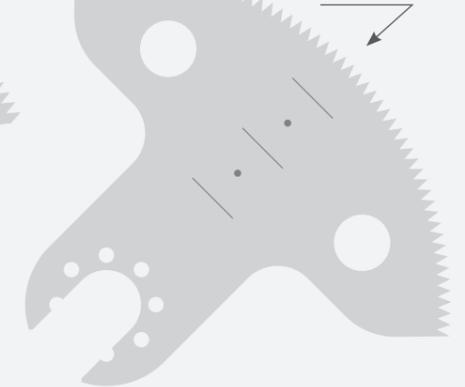
M103-390



M103-391

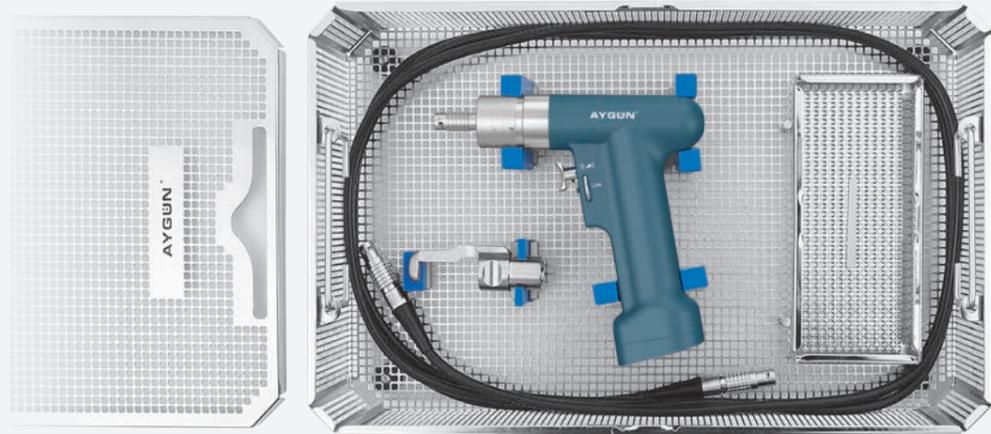


M103-392



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



CARDIO VASCULAR 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

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



K6-340
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



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

RECONST

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



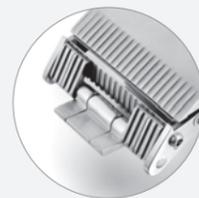
M7-105
Spare blades (10 ea)
One side cutting only.
Stainless steel

- 81 x 18,5 x 0,40 mm



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

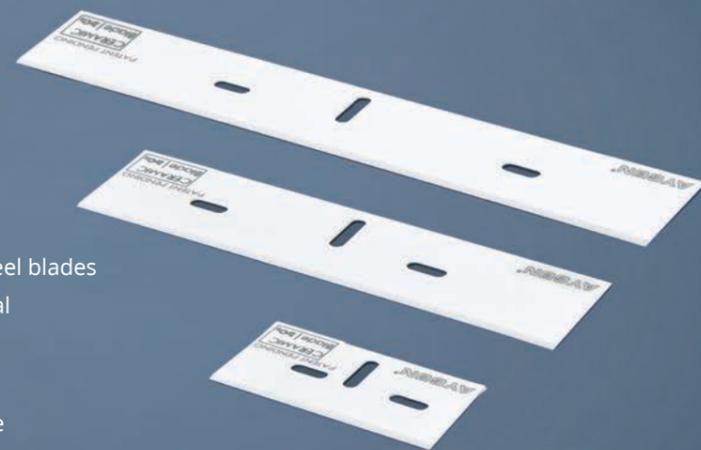
- 81 x 18,5 x 0,40 mm



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



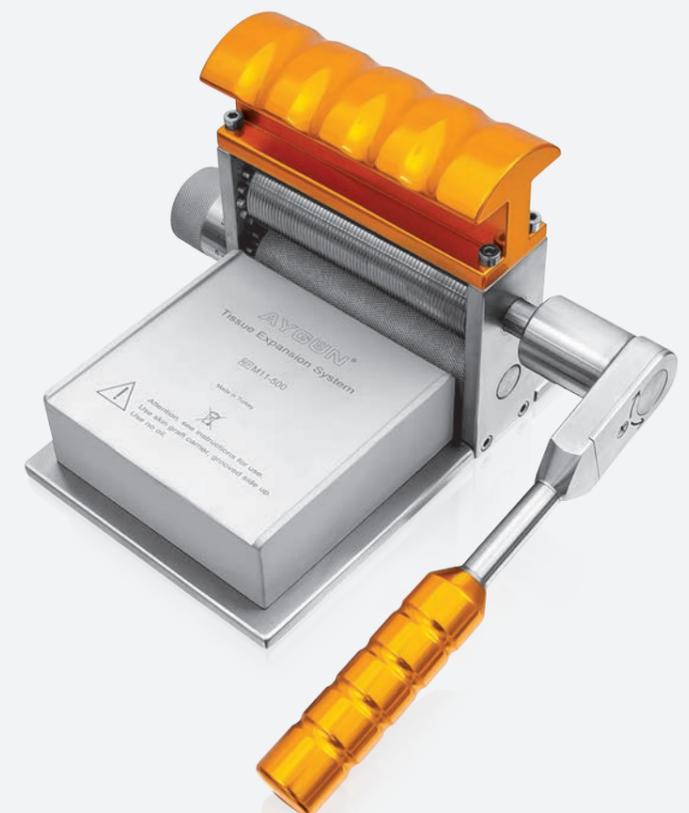
Guides for Graft Carrier



Ratchet Handle for Easy Operation

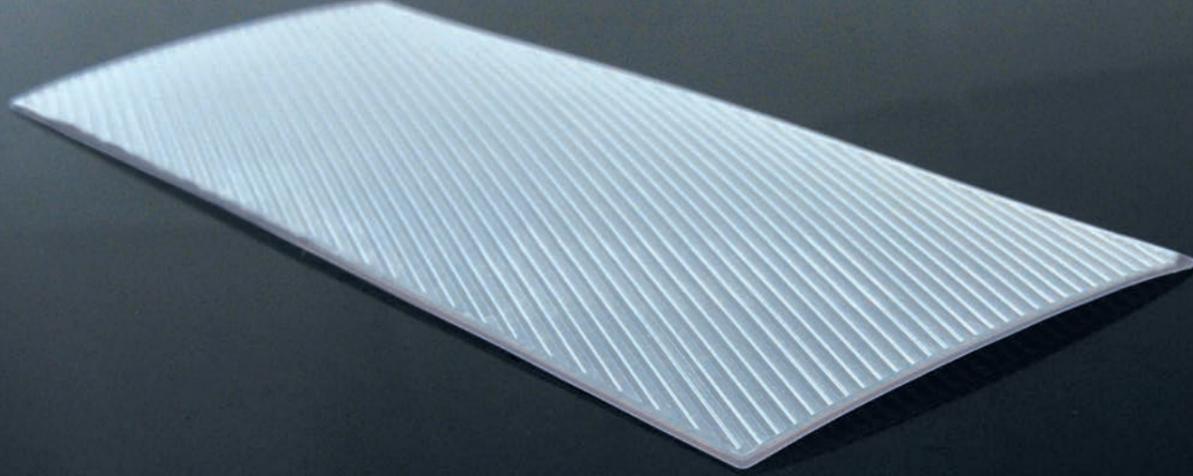


Graft Thickness Adjustment (0-1,5 mm)



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

RECONSTRUCTION COMPLETE SET

M16-1050 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)



M16-405
Scoren Power Console



M16-058
Mono Control Pedal



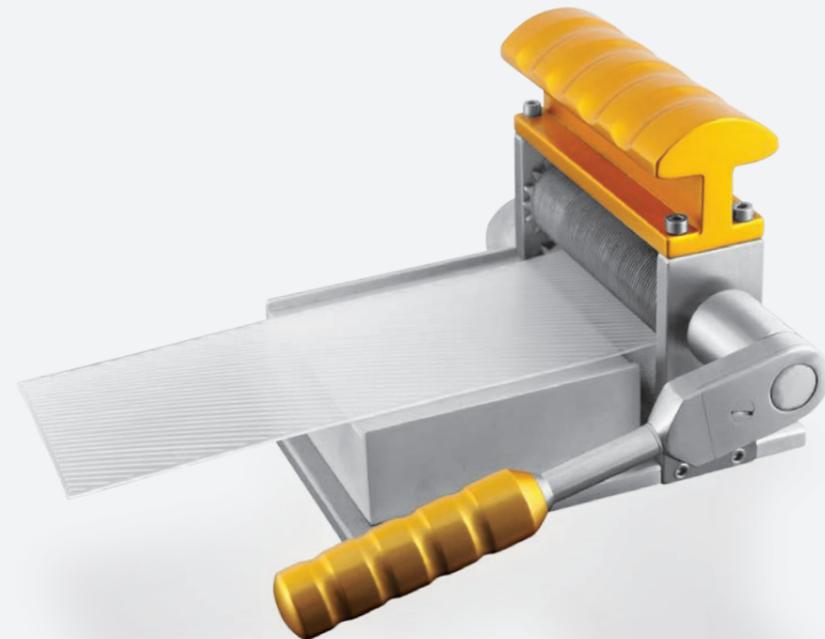
M14-311
Foot Control
Pedal Cable



M16-801T
SCOREN 20.000 Rpm Motor



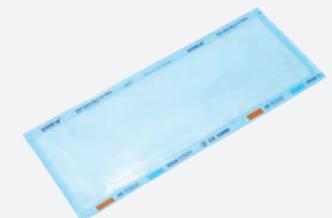
M300-223
Motor Cable



M14-1200
Dermatome Handpiece



M11-500
Skin Graft Mesher



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



M7-105
Spare blades (10 ea)

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