

Power System



HSM *Micro System*

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AYGÜN®
SURGICAL INSTRUMENTS CO., INC.

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2017

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**STERILE
CONTAINER
SYSTEMS**

**SURGICAL
MOTOR
SYSTEMS**

**MEDICAL
ILLUMINATION
SYSTEMS**

**DISPOSABLE
STERILE
PRODUCTS**



meeting point for
surgery...

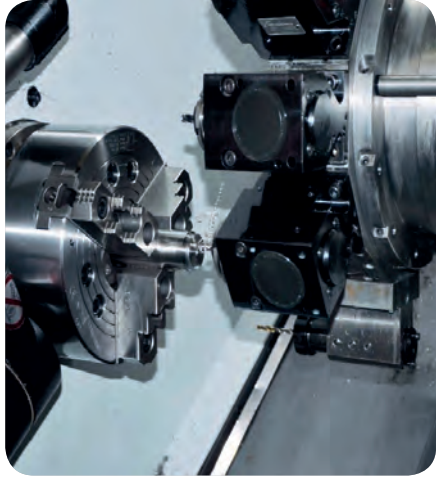
AYGÜN®
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AYGÜN, one of the leading establishments of Turkey in the field of Medical Industry, was founded in 1988.

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.

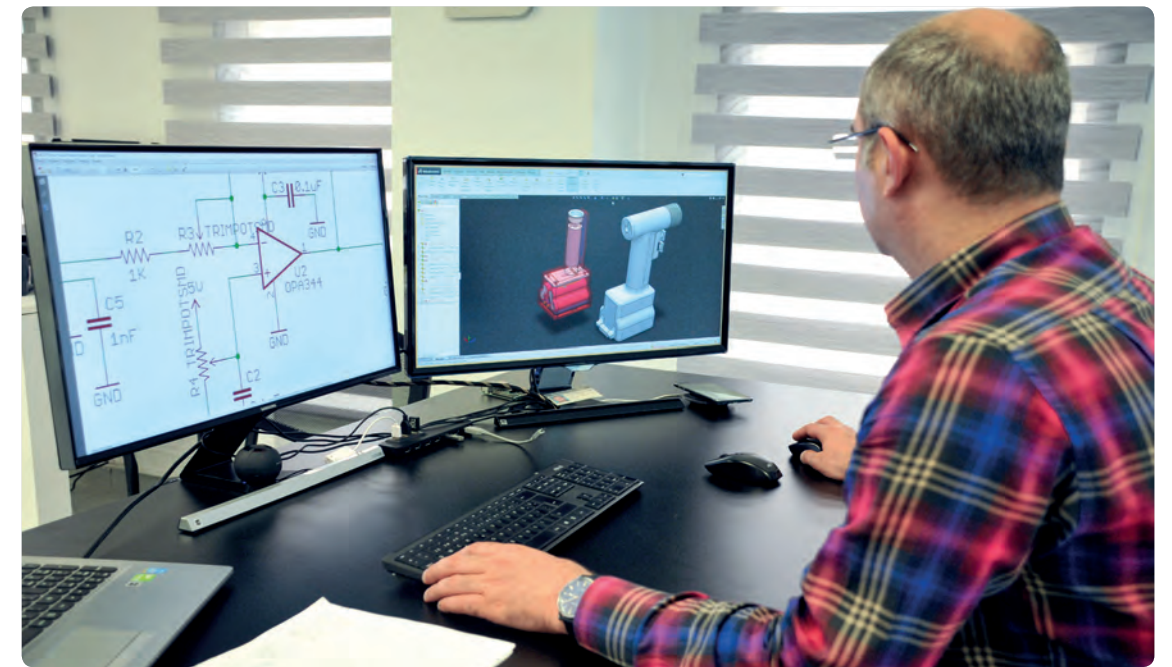




AYGUN®
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**SURGICAL
MOTOR
SYSTEMS**

Research, Development, Quality...
Combination of precious high technology production machines and perfect craftsmanship,



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- M14-700
Power console
- Operating Speed: 40.000 rpm (Adjustable Maximum Speed)
 - Operating Voltage: 200-240 V
 - Power: 260 W
 - Irrigation Flow Rate: 100 ml/min (Adjustable Maximum Flow Rate)
 - Frequency : 50-60 Hz
 - Dimensions: 340 x 255 x 106 mm
 - Weight : 5060 g



- M6-054
Foot pedal, with irrigation and F/R buttons
- Cable Length: 4 m
 - Dimensions: 200x155x150 mm
 - Weight: 1560 g



- M14-310
Motor Cable
- Autoclavable
 - Cable length: 4 m



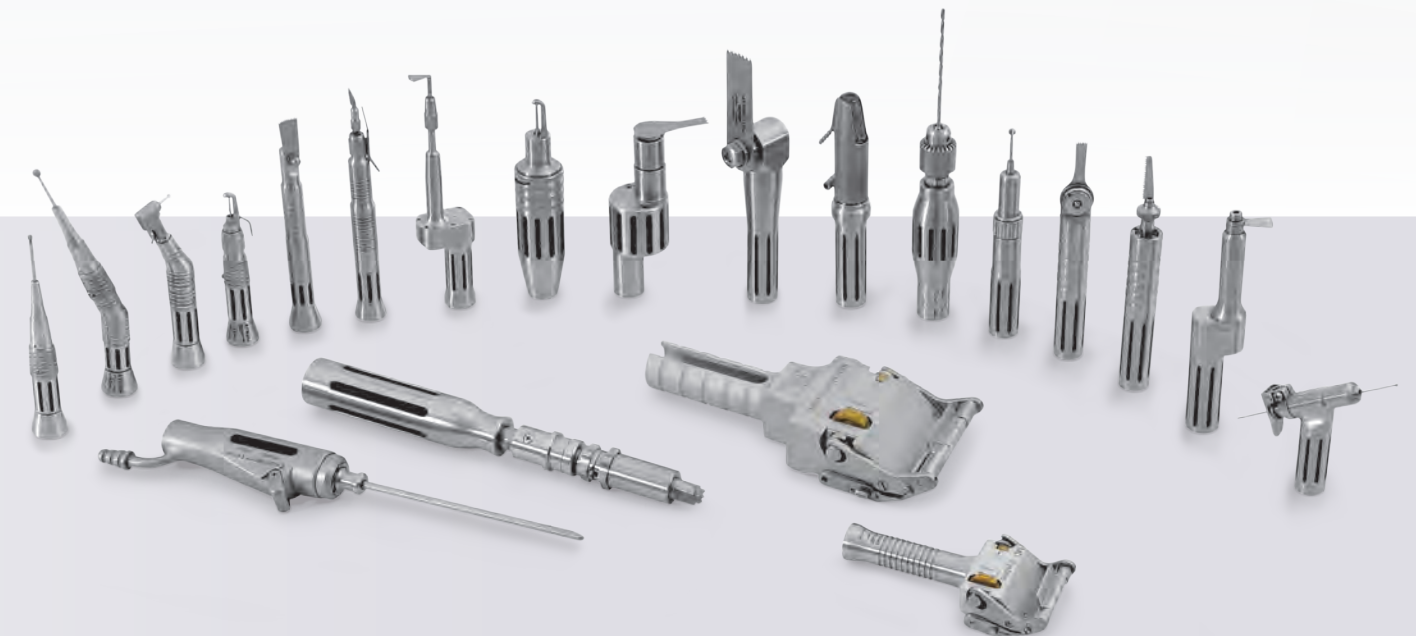
- M14-800
Swiss Made
Powerful Brushless
DC Motor Technology
- Autoclavable
 - Operating Speed: 40.000 rpm (Adjustable Maximum Speed)
 - Power: 150 W
 - Dimensions: 133 x 23 mm
 - Weight: 160 g



M6-121
Tubing Set















HSM Micro System

- > GRAPHICAL LCD ON THE POWER CONSOLE SHOWS ADJUSTED MOTOR SPEED, ROTATION DIRECTION, IRRIGATION PUMP FLOW RATE, PEDAL MOTOR CONNECTION FAILURE INDICATOR.
- > BARLED DISPLAY SHOWS SPEED DEMAND.
- > FOOT PEDAL FOR SPEED, DIRECTION AND IRRIGATION CONTROL.
- > AUTOCLAVABLE SWISS MADE POWERFUL BRUSHLESS DC MOTOR
- > ADJUSTABLE SPEED RANGE UP TO 40.000 RPM!
- > UNDER LOAD MOTOR START-UP TECHNOLOGY PREVENTING THE FAILURES RELATED TO MOTOR OBSTRUCTION DURING OPERATION!
- > LOW COST OF CONSUMABLE IRRIGATION PUMP!



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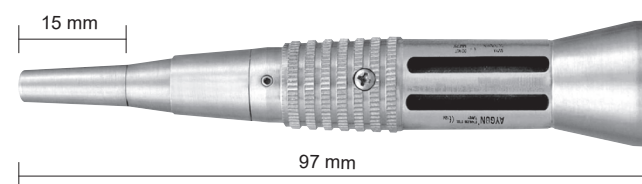
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DERMATOME & Skin Graft Mesher



INTRA MAIN PIECE STRAIGHT

- Please see pages 12,13,14 for suitable burr-shank for M8-201

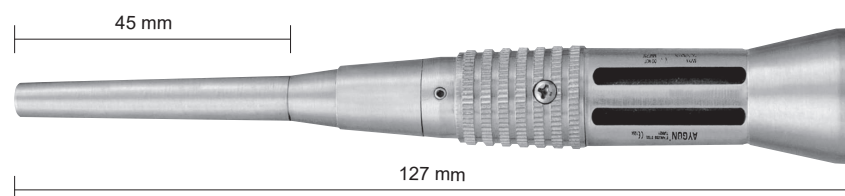


M8-201
INTRA Main Piece, Straight
No key needed for tightening
Tip 15 mm long
Transmission: 1:1
Burrs shank: Ø 2.35 mm
Burrs length: 70 mm
Weight: 70 g

M8-550
Spray nozzle

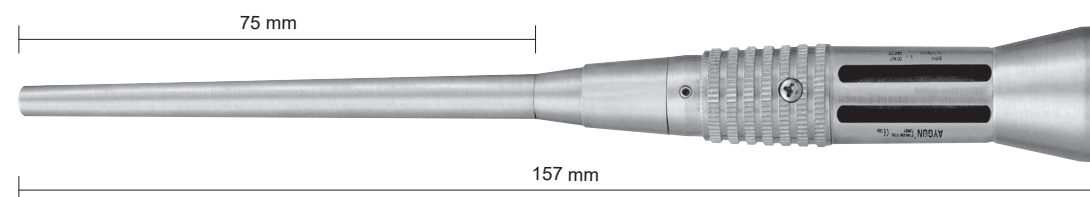


- Please see page 15 for suitable burr-shank for M8-202



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



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

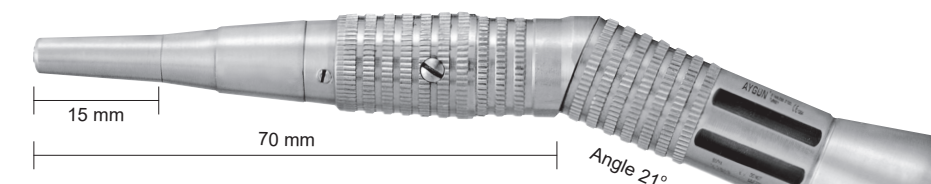
M8-552
Spray nozzle



- Please see pages 16,17 for suitable burr-shank for M8-203

INTRA MAIN PIECE ANGULAR

- Please see pages 12,13,14 for suitable burr-shank for M8-210



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



- Please see page 15 for suitable burr-shank for M8-211



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



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



- Please see pages 16,17 for suitable burr-shank for M8-212



M8-210



M8-201

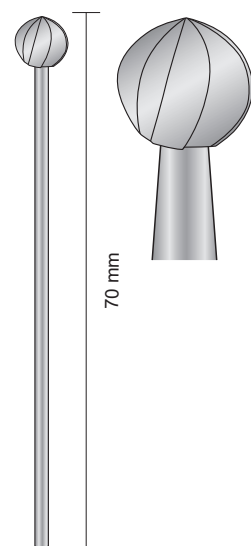


M8-160

BURR-SHANK

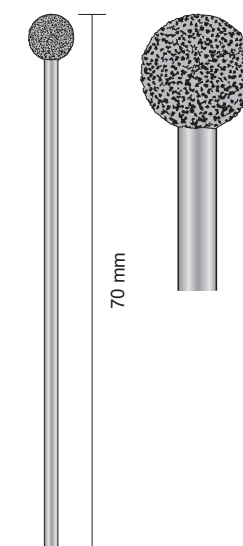
70 MM LONG, SHANK Ø 2.35 MM, ROUND SHANK

- Suitable Burr-Shank types for M8-201, M8-210 and M8-160



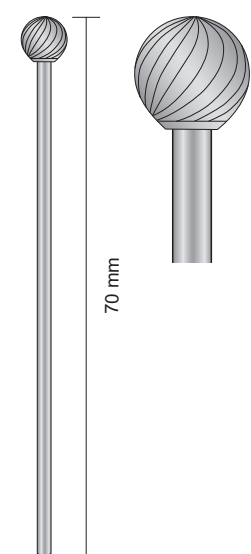
Standard
Burs
Stainless steel

	Code	Size	Ø mm	ISO - NO
	M8-300	20	5.0	050
	M8-302	16	4.0	045
	M8-304	12	3.1	035
	M8-306	8	2.3	027
	M8-308	4	1.4	018
	M8-310	0	0.8	008
	M8-312	000	0.6	006



Diamond
Burs

	Code	Size	Ø mm	ISO - NO
	M8-340	24	7.0	070
	M8-342	20	5.0	050
	M8-344	16	4.0	045
	M8-346	12	3.1	035
	M8-348	8	2.3	027
	M8-350	4	1.4	018
	M8-352	0	0.8	008
	M8-354	000	0.6	006

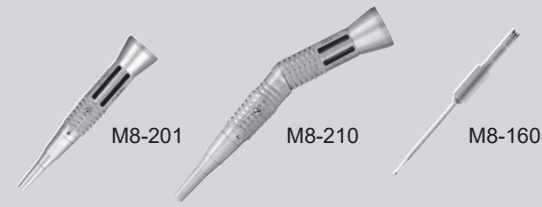


High speed
Burs
Carbide

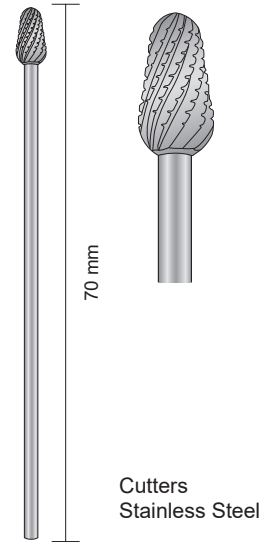
	Code	Size	Ø mm	ISO - NO
	M8-320	24	7.0	070
	M8-322	20	5.0	050
	M8-324	16	4.0	045
	M8-326	12	3.1	035
	M8-328	8	2.3	027
	M8-330	4	1.4	018
	M8-332	0	0.8	008
	M8-334	000	0.6	006

BURR-SHANK

70 MM LONG, SHANK Ø 2.35 MM, ROUND SHANK

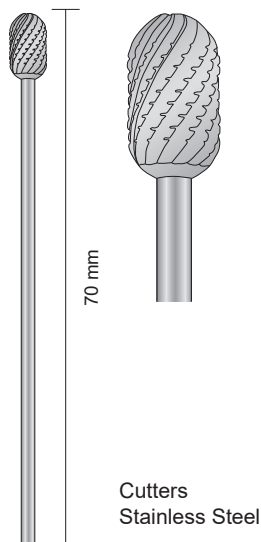


- Suitable Burr-Shank types for M8-201, M8-210 and M8-160



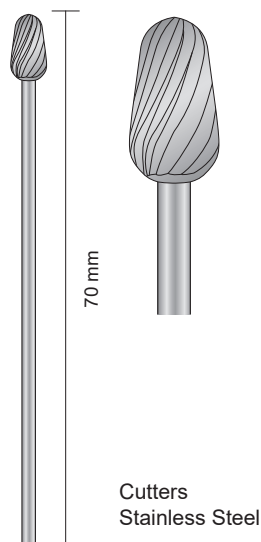
Cutters
Stainless Steel

	Code	Size	Ø mm
	M8-381	32	8.0
	M8-383	24	6.0
	M8-385	20	5.0
	M8-386	16	4.0



Cutters
Stainless Steel

	Code	Size	Ø mm
	M8-391	32	8.0
	M8-393	28	7.0
	M8-395	24	6.0
	M8-396	20	5.0
	M8-397	16	4.0



Cutters
Stainless Steel

	Code	Size	Ø mm
	M8-401	32	8.0
	M8-403	28	7.0
	M8-405	24	6.0
	M8-406	20	5.0
	M8-407	16	4.0

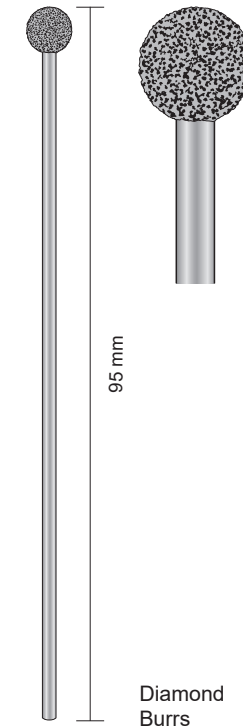


BURR-SHANK

95 MM LONG, SHANK Ø 2.35 MM, ROUND SHANK

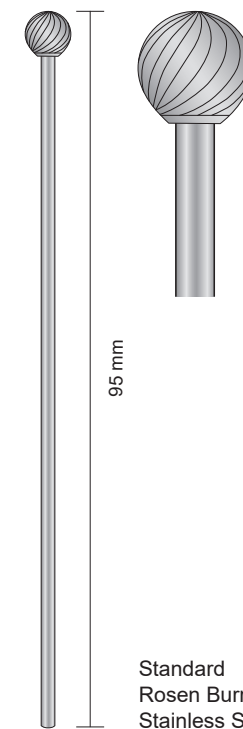


- Suitable Burr-Shank types for M8-202, M8-211



Diamond
Burrs

	Code	Size	Ø mm	ISO - NO
	M8-410	20	5.0	050
	M8-412	16	4.0	040
	M8-414	12	3.1	031
	M8-416	8	2.3	023
	M8-418	4	1.4	014

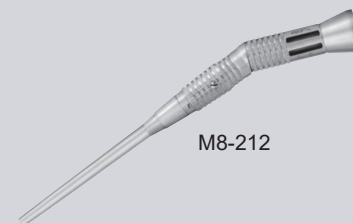


Standard
Rosen Burrs
Stainless Steel

	Code	Size	Ø mm	ISO - NO
	M8-420	20	5.0	050
	M8-422	16	4.0	040
	M8-424	12	3.1	031
	M8-426	8	2.3	023
	M8-428	4	1.4	014



M8-203

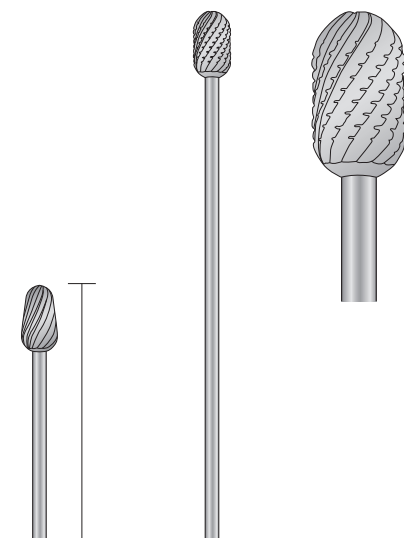


M8-212

- Suitable Burr-Shank types for M8-203, M8-212

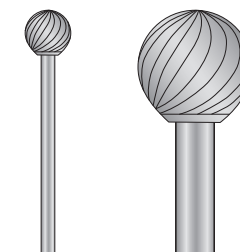
BURR-SHANK

125 MM LONG, SHANK Ø 2.35 MM, ROUND SHANK



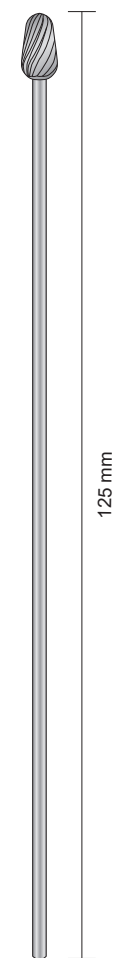
Rosen Burrs
Stainless Steel

	Code	Size	Ø mm
	M8-431	32	8.0
	M8-433	28	7.0
	M8-434	24	6.0
	M8-435	20	5.0
	M8-436	16	4.0

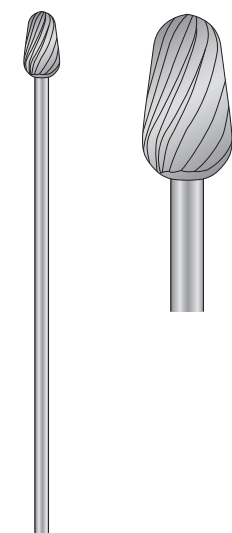


Standard
Rosen Burrs
Stainless Steel

	Code	Size	Ø mm	ISO - NO
	M8-450	20	5.0	050
	M8-452	16	4.0	040
	M8-454	12	3.1	031
	M8-456	8	2.3	023
	M8-458	4	1.4	014

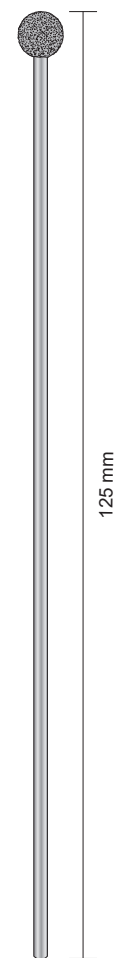


125 mm

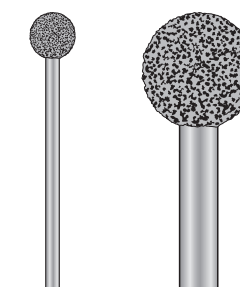


Rosen Burrs
Stainless Steel

	Code	Size	Ø mm
	M8-441	32	8.0
	M8-443	28	7.0
	M8-444	24	6.0
	M8-445	20	5.0
	M8-446	16	4.0



125 mm



Diamond
Burrs

	Code	Size	Ø mm	ISO - NO
	M8-460	20	5.0	050
	M8-462	16	4.0	040
	M8-464	12	3.1	031
	M8-466	8	2.3	023
	M8-468	4	1.4	014



HAND PIECES ANGULAR



M8-556
Spray nozzle



M8-150
INTRA Main Piece, Angular
No key needed for tightening
Angle: 21°
Transmission: 1:1
Color marked: One Blue Ring
The burrs can be mounted
with M8-160 imperator
Weight: 62 g



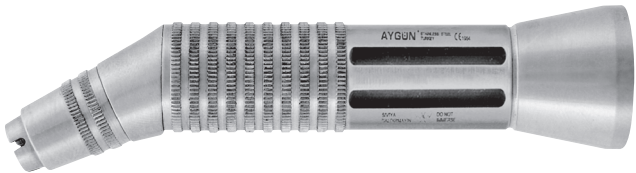
M8-557
Spray nozzle



M8-151
INTRA Main Piece, Angular
No key needed for tightening
Angle: 21°
Transmission: 1:2
Color marked: Two Red Rings
The burrs can be mounted
with M8-160 imperator
Weight: 70 g

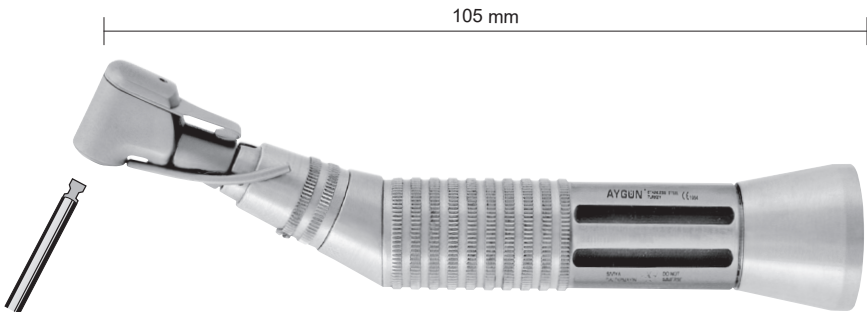


M8-558
Spray nozzle



M8-152
INTRA Main Piece, Angular
No key needed for tightening
Angle: 21°
Transmission: 2.7:1
Color marked: One Green Ring
The burrs can be mounted
with M8-160 imperator
Weight: 80 g

HAND PIECES ANGULAR



M8-180
Angular head
Angle: 21°
Consisting of: M8-152 and M8-181
Weight: 92 g



M8-181
Angle head with imperator bearing.
Transmission: 2:1
For burrs and cutters
With quick-action "dental" shaft
Weight: 12 g

	Code	Ø mm
	M8-182	1.8
	M8-183	2.5
	M8-184	3.1
	M8-185	4.0

Code	Ø	Length
M8-580	1.1	23
M8-581	1.5	23
M8-582	1.8	23
M8-583	2.0	23
M8-584	2.1	30

Code	Ø	Length
M8-595	1.5	38
M8-596	2.0	38

Code	Length
M8-600	25 mm
M8-601	50 mm



MICRO SURGERY ATTACHMENT

- Please see pages 12,13,14 for suitable burr-shank for M8-160



M8-160
Micro surgery attachment with imperator bearing, for burrs drills etc. With standard shank of Ø 2.35 mm and a length of up to 70 mm, can be used for burrs.



M8-170
Chuck for tightening and exchanging burrs, drills ect. For standard shanks of Ø 2.35 mm in the micro surgery attachment M8-160
Weight: 80 g

Application of the micro surgery attachment

M8-160
Micro surgery attachment

put micro surgery attachment into the chuck



Burr with standard shank, Ø 2.35 mm
70 mm length

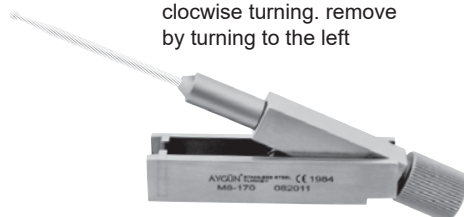


Insert burr right to the stop into the micro surgery attachment

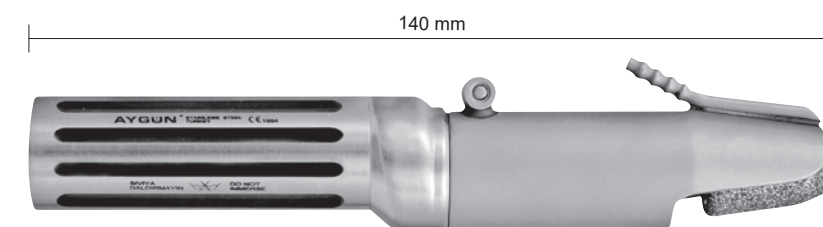
Burr, mounted group of micro surgical attachment and intra main piece



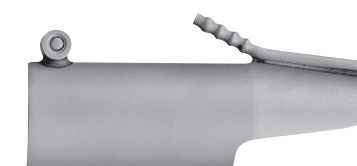
M8-170
Chuck
Fix the tool in the micro surgery attachment by clockwise turning. remove by turning to the left



SKIN ABRASION



M8-485
Hand piece for skin abrasion, With irrigation tube integrated in the protection shield, diamond grinding attachment. Smooth running due to ball bearings and taper socket of the grinding attachment.
Weight: 215 g



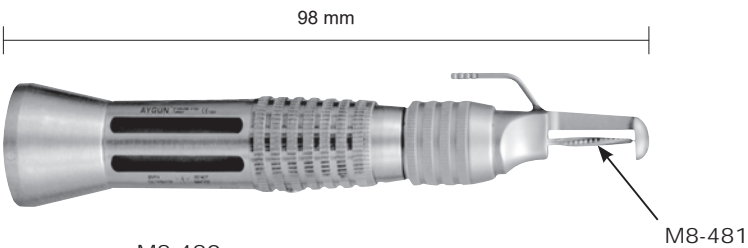
M8-486
Protection shield



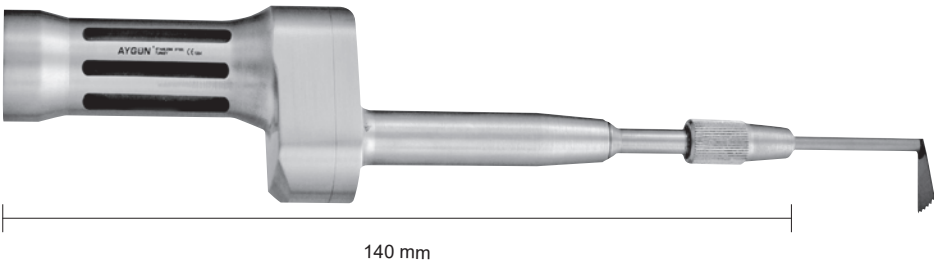
M8-487
Grinding attachment



MICRO ATTACHMENT

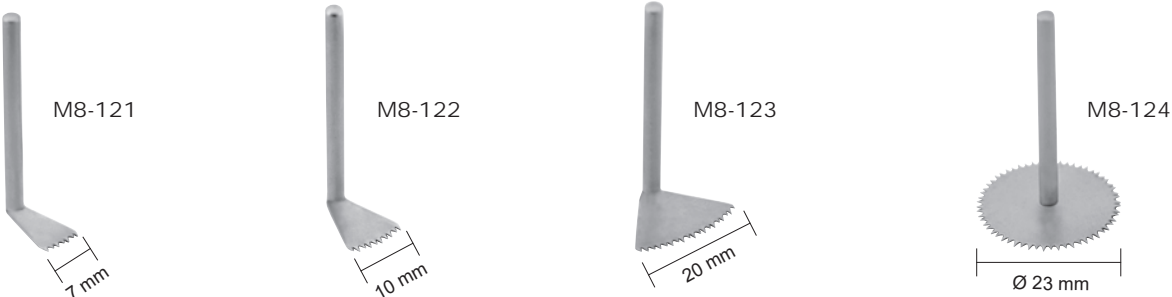


M8-480
FREIBURG Craniotome for children
With bone cutter M8-481
Weight: 73 g

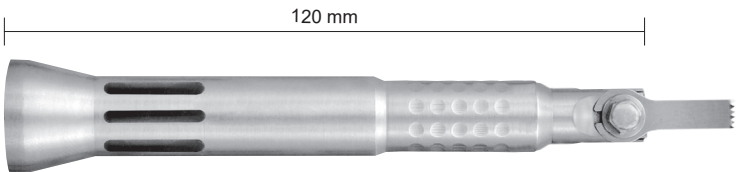


M8-120
Micro oscillating saw
Possibility to use extra thin
blades for precision operations.
Narrow design for good visibility.
Saw blades have to be ordered separately
Weight: 170 g

FOR M8-120



MICRO SAGITTAL ATTACHMENT

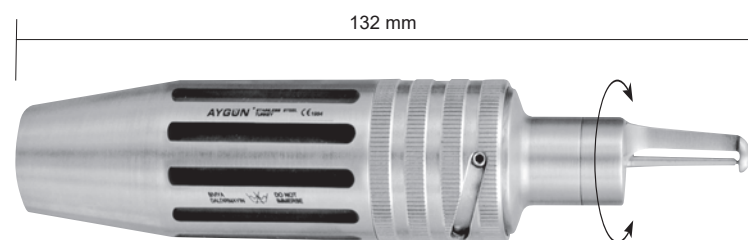


M8-1105
Micro Sagittal Saw, pencil grip shape, with unloosable nut
Weight: 83 g

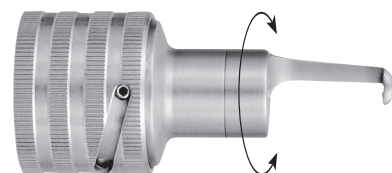
SAGITTAL SAW				FOR M8-1105
Code	Illustration 1:1	Usable Length (mm)	Width (mm)	
M8-1120		10	13.4	
M8-1121		9	13.0	
M8-1122		15	5.0	
M8-1123		20	5.0	
M8-1124		15	12.0	
M8-1125		20	16.0	
M8-1126		25	5.0	
M8-1127		20	12.0	



CRANIOTOME



M8-728
Craniotome hand piece
for skull opening
no key is needed
with M7-207
Weight: 315 g



M7-208
Dura guard, turnable
use with M8-728



M7-207
Dura guard, fixed
use with M8-728

M7-201
Spare Cutter
use with M8-728

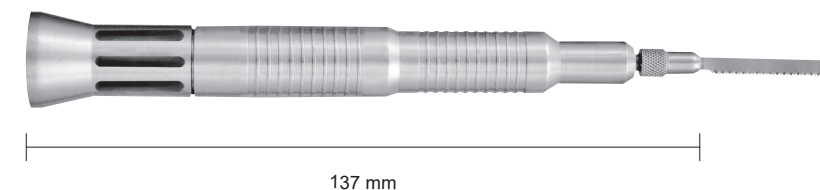


M7-202
Wire pass drill
use with M7-200



Ø 2 mm, L=20 mm

MICRO STRAIGHT RECIPROCATING ATTACHMENT

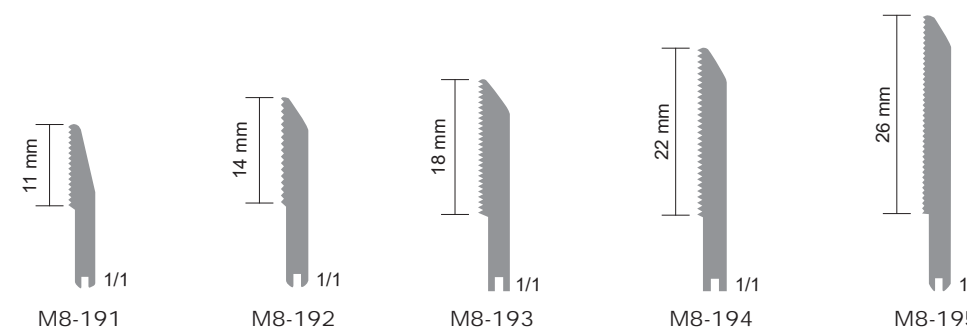


M8-190
Micro straight reciprocating saw
Without saw blades.
With spray nozzle M8-198
Oscillations per second: 160(at 20.000 rpm)
Height of stroke: 2 mm
Weight: 115 g



M8-198
Spray nozzle for M8-190

RECIPROCATING SAW



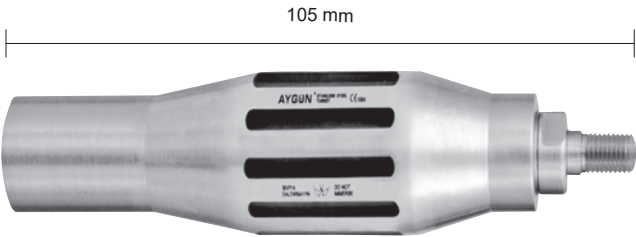


DRILL ATTACHMENT


MICRO DRILL



M8-470
Micro Drill
for burrs and drills. Ø 4 mm
Transmission: 20:1
Weight: 335 g



M8-471
Micro Drill
for burrs and drills.
For exchangeable chucks
Transmission: 20:1
Suitable chucks: M8-472, M8-474, M8-477
Weight: 285 g

 Twist drill, with round shaft		
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

FOR M8-470 / M8-471



M8-477
HUDSON chuck,
for trepans



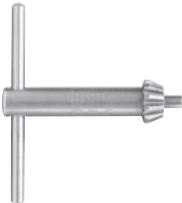
M8-472
Universal chuck
with key M8-473
max. Ø 4 mm



M8-473 Key



M8-474
Universal chuck
with key M7-250
max. Ø 6.35 mm



M7-250 Key



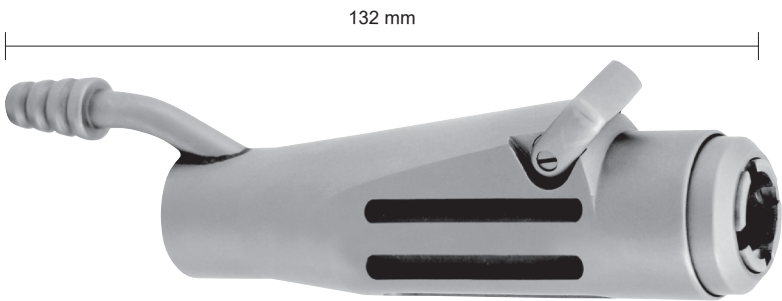
M7-251 Key



M8-476
Spray nozzle with clamp



SHAVER
ARTROSCOPIC SYSTEM



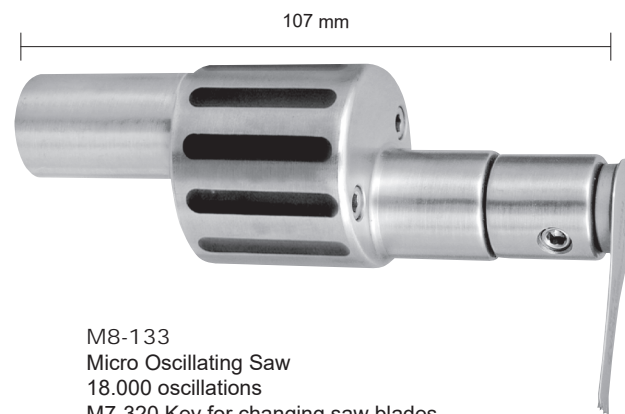
M8-940
Shaver Hand Piece
Variable suction control
Connecting to disposable and reusable tips
(the tips are ordered separately)
Weight: 315 g

Round Burr		M8-952
		M8-953
Round Surface Burr		M8-954
		M8-955
Conical Surface Burr		M8-956
		M8-957
Acromionizer		M8-958
		M8-959
Lateral Cutter		M8-960
		M8-961
Bilateral Cutter		M8-962
		M8-963
Full Radius resector		M8-964
		M8-965
Full Radius Toothed Resector		M8-966
		M8-967
Ellipsoid Resector		M8-968
		M8-969

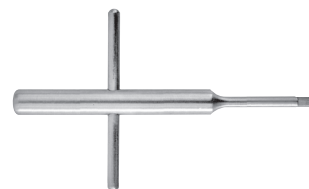


MICRO OSCILLATING ATTACHMENT

OSCILLATING SAW



M8-133
Micro Oscillating Saw
18.000 oscillations
M7-320 Key for changing saw blades
Saw blades have to be ordered separately.
Weight: 360 g



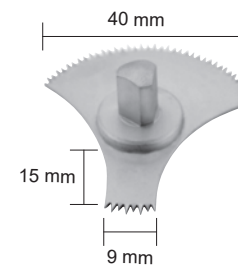
M7-320
Key only,
for changing
saw blades



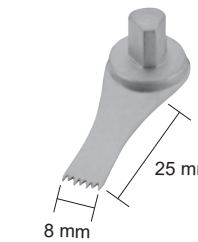
M8-501
Spray nozzle with clamp

OSCILLATING SAW BLADES

FOR M8-133



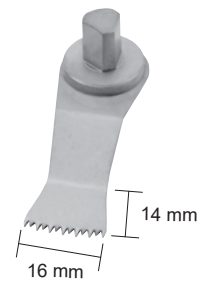
M8-134



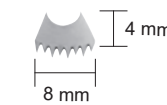
M8-135



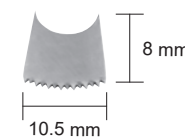
M8-136



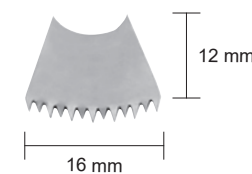
M8-137



M8-139



M8-140



M8-141



SMALL SAGITTAL ATTACHMENT



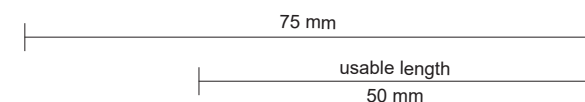
M8-275
Small Sagittal Saw
with key M8-282 for exchanging
saw blades.
Saw blades have to be ordered seperately.
Weight: 300 g



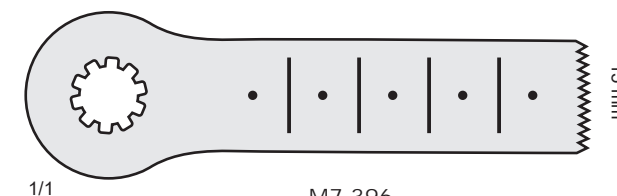
M8-282
Pair of wrenches,
for changing saw blades



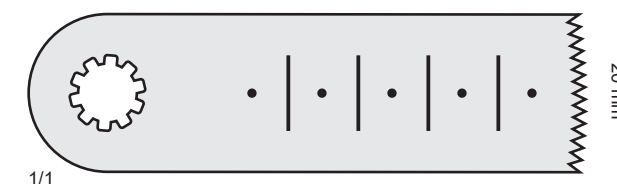
M8-276
Spray nozzle with clamp



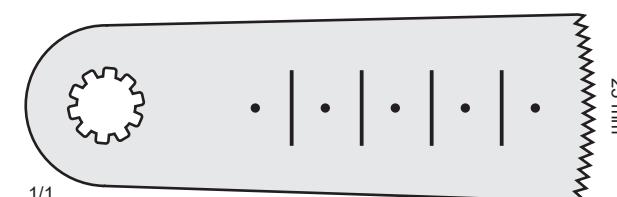
1/1 M7-397



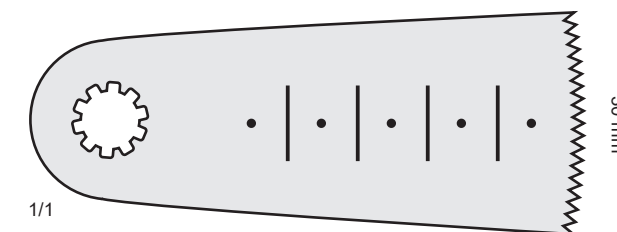
1/1 M7-396



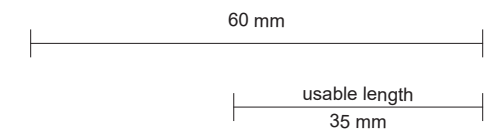
1/1 M7-395



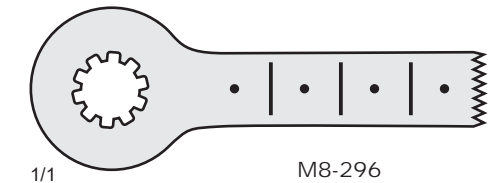
1/1 M7-394



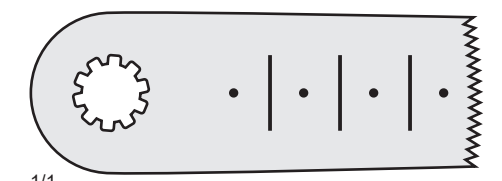
1/1 M7-398



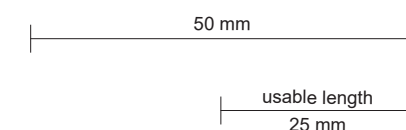
1/1 M8-295



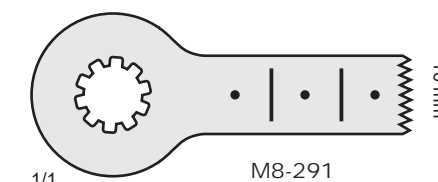
1/1 M8-296



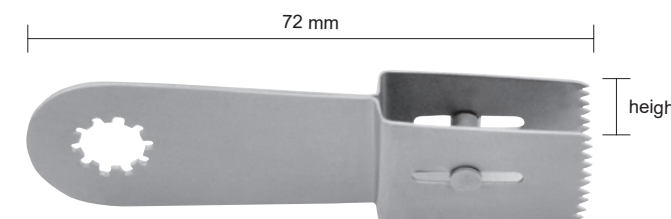
1/1 M8-297



1/1 M8-290



1/1 M8-291



CASPAR

- M8-313** 6 mm height
- M8-314** 7 mm height
- M8-315** 8 mm height
- M8-316** 9 mm height
- M8-317** 10 mm height
- M8-318** 11 mm height
- M8-319** 12 mm height

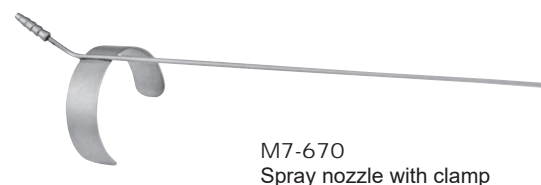


DRILL RW/FW

BORE MAIN PIECE FOR EXCHANGEABLE
CHUCK WITH FORWARD AND REVERSE GEAR



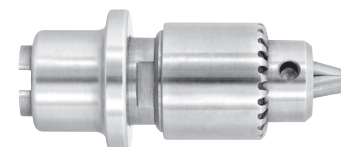
M8-720
Drill
Main piece with forward and reverse gear
Cannulated, Ø 2.5 mm
Without chuck,
Suitable for drilling
Thread cutting
Screwing-in and removing bone
Screws as well as for wire extension.
up to 900 rpm



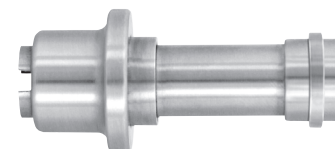
M7-670
Spray nozzle with clamp



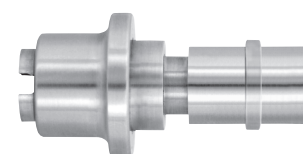
M7-680
Attachment with small three - jaw chuck, with key M8-473, Ø 4 mm,
exchangeable, use with M8-720



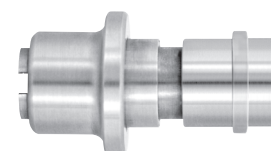
M7-681
Attachment with three - jaw chuck, with key M7-250, Ø 6.35 mm,
exchangeable, use with M8-720



M7-682
Adaptor for SQUARE shank
use with M8-720



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



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



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





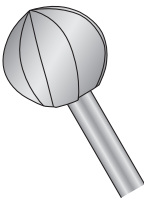
MINI DRILL ATTACHMENT

BURRS-SHANK

70 MM LONG, SHANK Ø 2.35 MM, ROUND SHANK



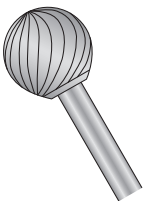
M12-300
Mini Drill
No key is needed
Only use with pneumatic system
Weight: 140 g



ROSEN
Stainless steel



DIAMOND



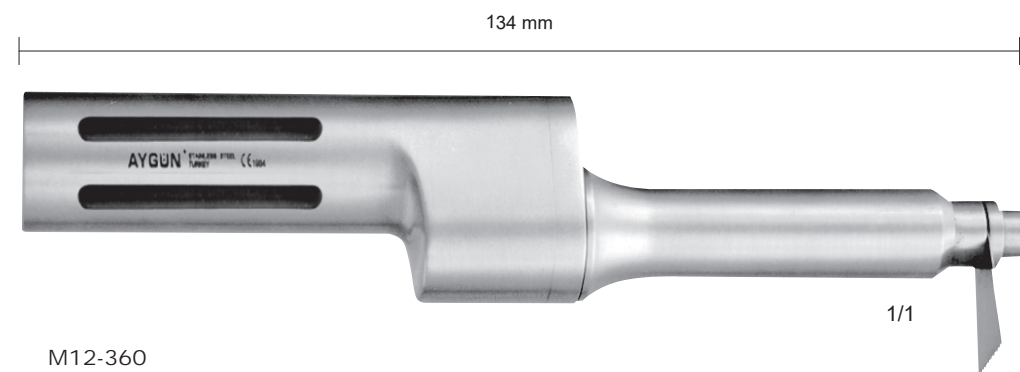
HIGH SPEED
Tungsten

	1.4	1.8	2.3	2.7	3.1	3.5	4.0	4.5	5.0	6.0	7.0
 ROSEN	M8-1520	M8-1521	M8-1522	M8-1523	M8-1524	M8-1525	M8-1526	M8-1527	M8-1528	M8-1529	M8-1530
 DIAMOND	M8-1550	M8-1551	M8-1552	M8-1553	M8-1554	M8-1555	M8-1556	M8-1557	M8-1558	M8-1559	M8-1560
 HIGH SPEED	M8-1570	M8-1571	M8-1572	M8-1573	M8-1574	M8-1575	M8-1576	M8-1577	M8-1578	M8-1579	M8-1580

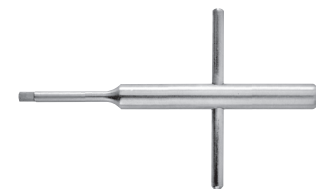


MINI OSCILLATING ATTACHMENT

OSCILLATING SAW



M12-360
Micro Oscillating saw
Oscillating degree is 7°
The cutting blade is replaced by using M7-320 Key
Only use with pneumatic system
See page 37 for spare cutters
with keys M7-320
Weight: 185 g



M7-320
Key only,
for changing
saw blades

M8-1220



M8-1221



M8-1222



M8-1223



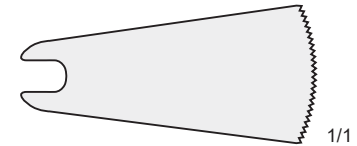
M8-1224



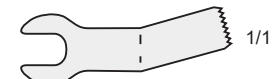
M8-1225



M8-1226



M8-1227



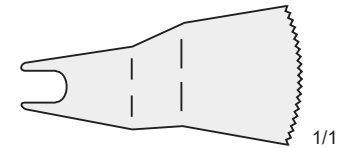
M8-1228



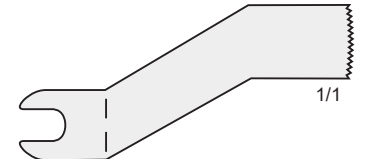
M8-1229



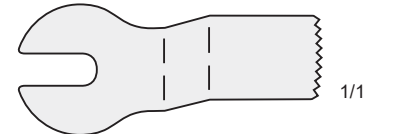
M8-1230



M8-1231



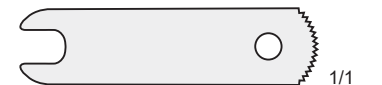
M8-1232



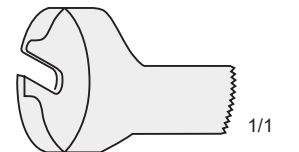
M8-1233



M8-1234



M8-1235



M8-1236



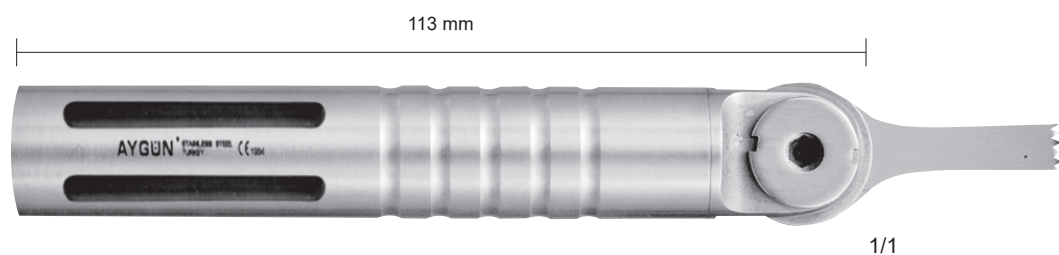
M8-1237



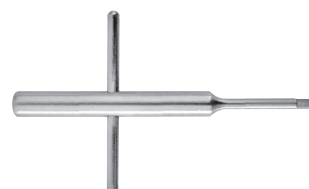


MINI SAGITTAL ATTACHMENT

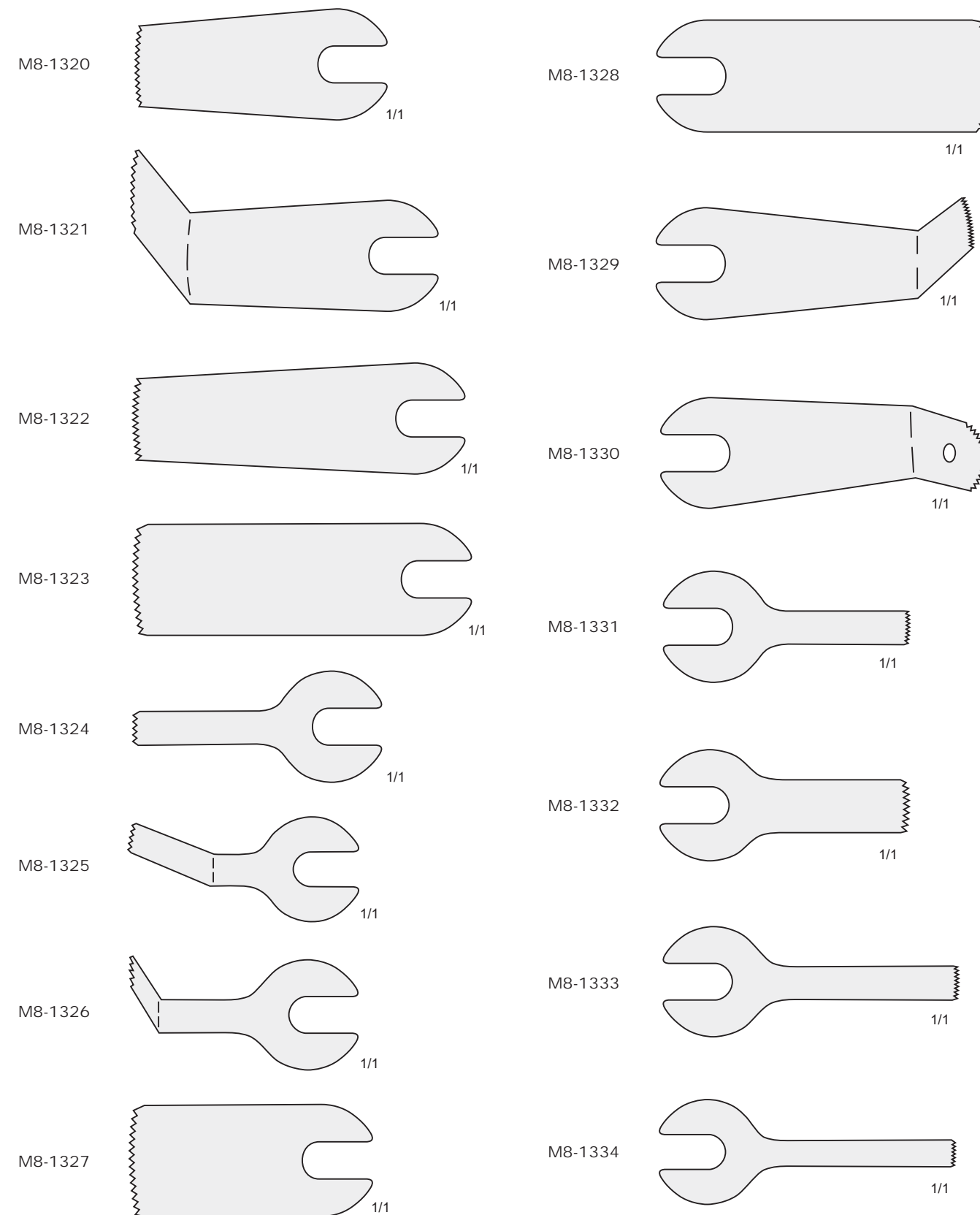
SAGITTAL SAW

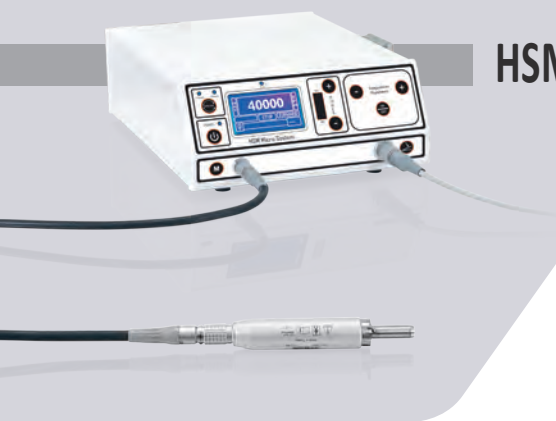


M12-380
Mini Sagittal saw
It is used in deep cutting the bones and other small bones in the mandibular and maxillofacial surgery.
The cutting blade is replaced by key
Only use with pneumatic system
See page 39 for spare cutters with keys M7-320
Weight: 135 g



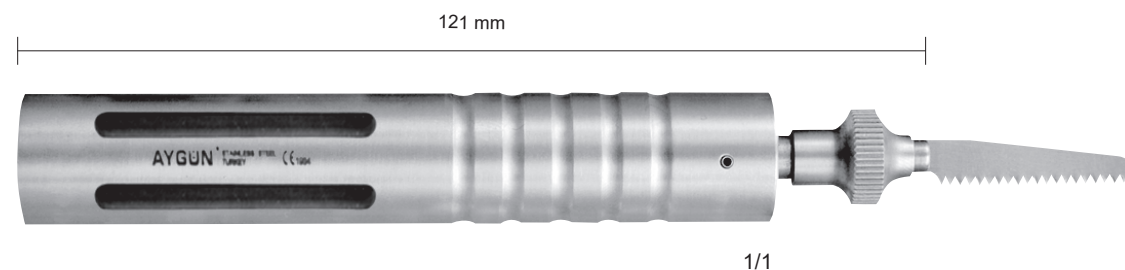
M7-320
Key only,
for changing
saw blades





MINI STRAIGHT RECIPROCATING ATTACHMENT

RECIPROCATING SAW



M12-423
Straight reciprocating saw
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
Only use with pneumatic system 1
See page 41 for spare cutters
Weight: 140 g

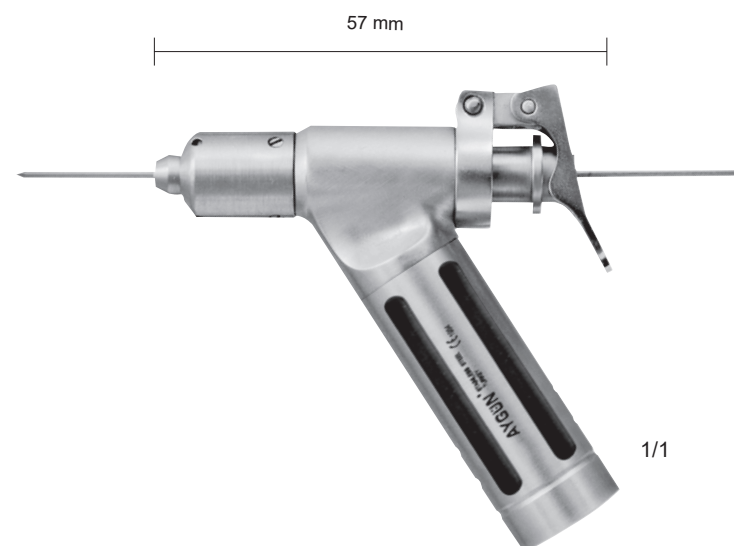
M8-1420		1/1
M8-1421		1/1
M8-1422		1/1
M8-1423		1/1
M8-1424		1/1
M8-1425		1/1
M8-1426		1/1
M8-1427		1/1
M8-1428		1/1
M8-1429		1/1
M8-1430		1/1
M8-1431		1/1
M8-1432		1/1
M8-1433		1/1



HSM Micro System

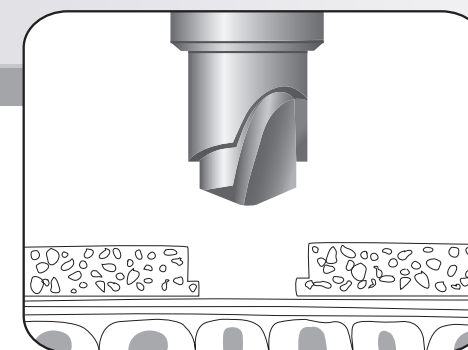
AYGUN[®]
SURGICAL INSTRUMENTS CO., INC.

WIRE DRIVER FOR FIXATING SMALL BONES

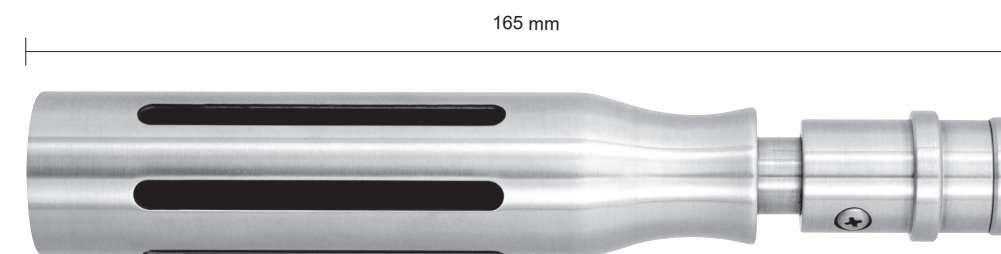


M12-433
K - Wire Driver
for fixating small bones
Ø 0.6 mm - 1.6 mm
Cannulated
Weight: 95 g

1/1



MMS PERFORATOR DRIVE



M12-201
MMS Perforator Drive,
Used with M9-250, M9-251, M9-252 trepans
Weight: 485 g

SKULL TREPANS

USE WITH M12-201



M9-250 Ø 6/9 mm



M9-251 Ø 9/12 mm



M9-252 Ø 12/15 mm

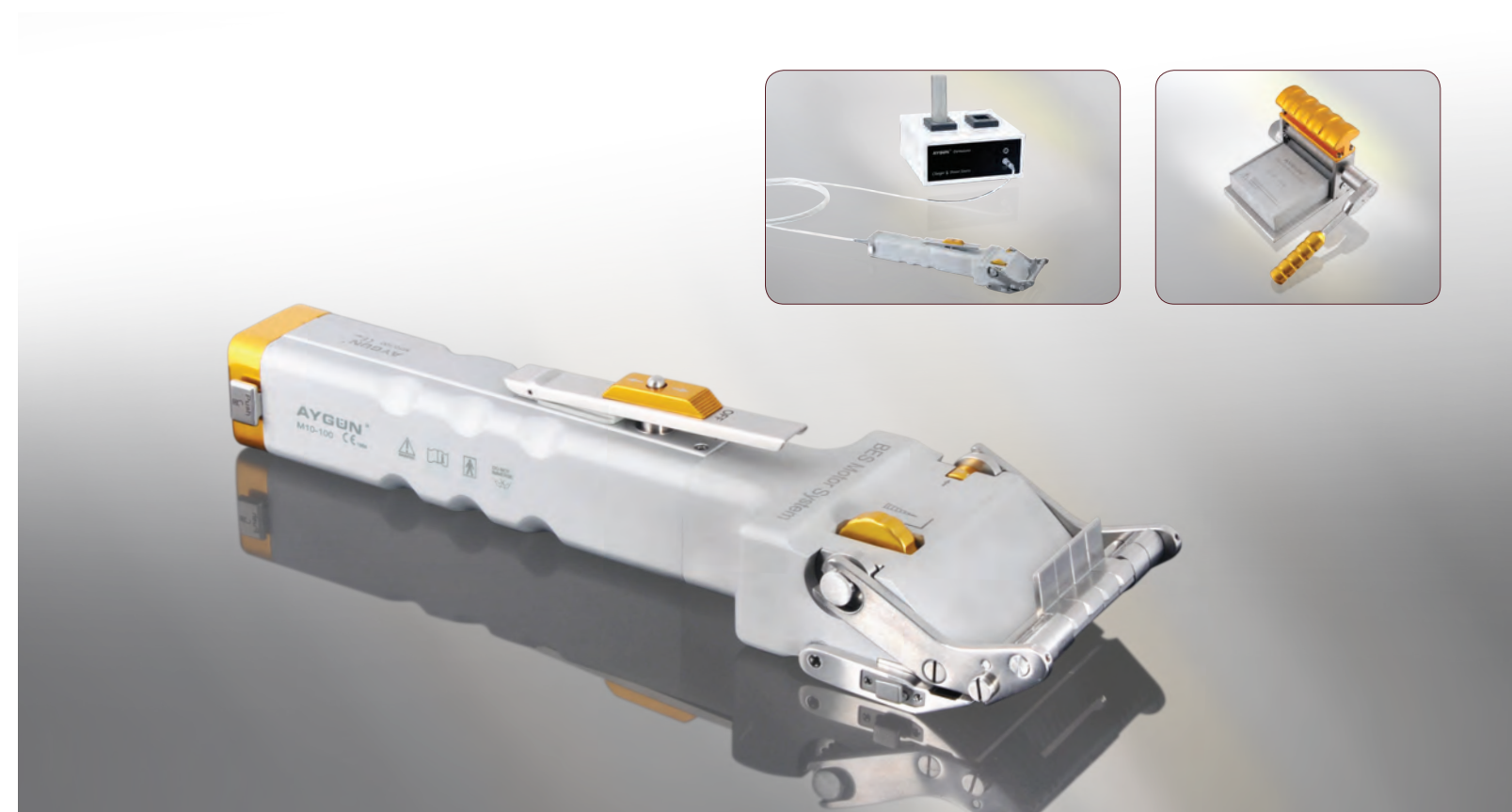
- * Skull trepans
- * With step-down drilling
- * Automatic cut-out
- * No key needed



HSM *Micro System*

DERMATOME

Power System



DERMATOME & Skin Graft Mesher
BES Battery + Electro Surgical Motor Systems



For Skin Transplantation

DERMATOME & Skin Graft Mesher

BES Battery + Electro Surgical Motor Systems

BATTERY POWERED



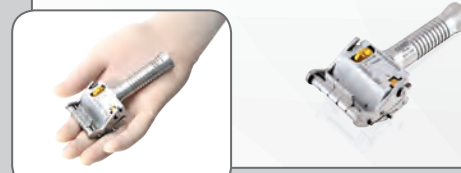
1 M10-100 Dermatome handpiece



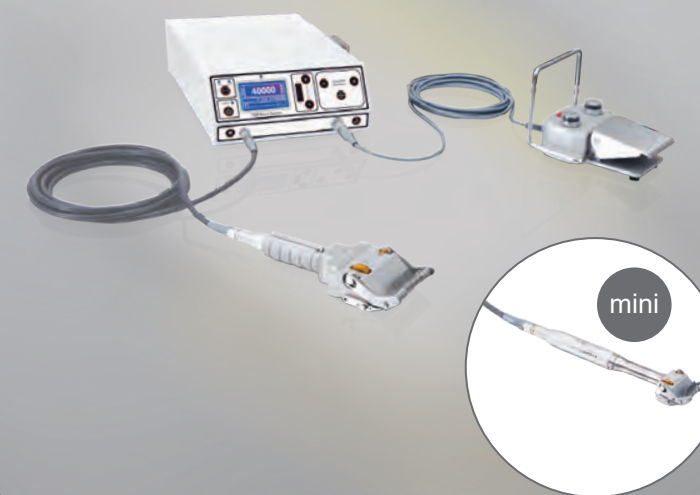
2 M14-1200 Dermatome Handpiece



3 M14-1100 Mini Dermatome Handpiece



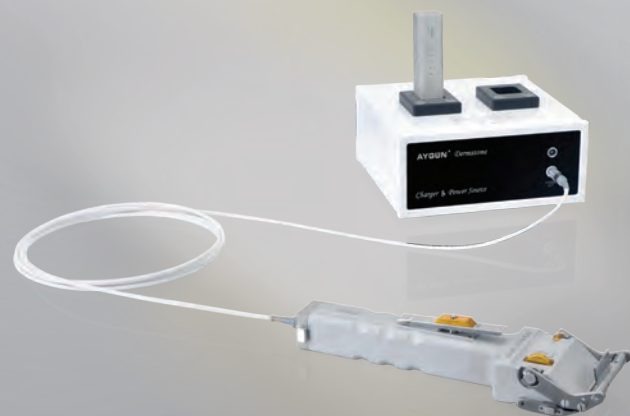
POWER CONSOLE USE



M10-100 dermatome handpiece can be operated both with battery and power cord

M14-1200 dermatome handpiece and M14-1100 mini dermatome handpiece can be operated with electric power console and pneumatic system.

CORDED USE

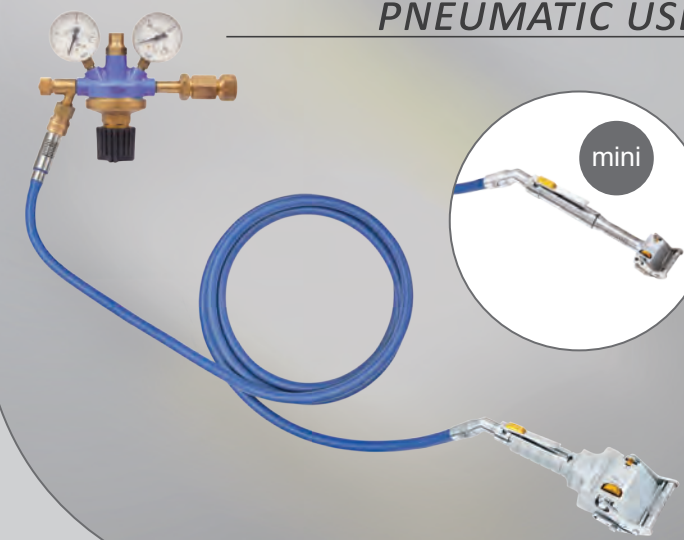


SKIN GRAFT MESHER

Skin graft mesher completes a full set that is sufficient for a skin transplantation operation.



PNEUMATIC USE



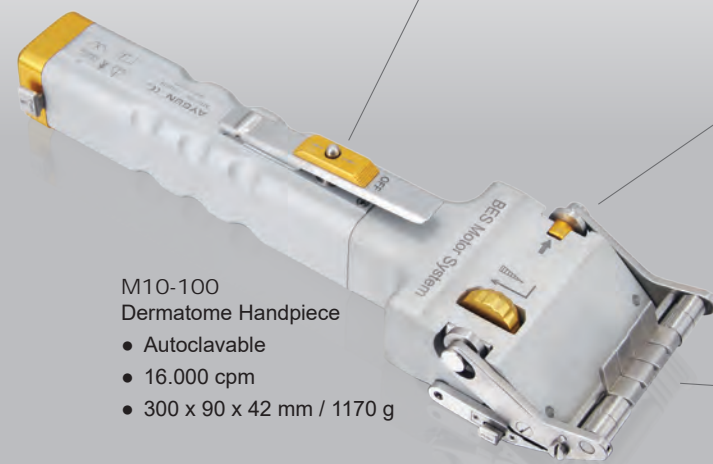
DERMATOME BATTERY FOR SKIN TRANSPLANTATION



- M10-103**
Charger unit for 2 battery
(without battery)
- Mains voltage 100-240 Volts, 50-60 Hz, 0.9 A
 - Charging current 1.5 A
 - Charging voltage 9.6 Volts
 - Protections: Short circuit / Overload / Over voltage
 - Dimensions: 200 x 200 x 119 mm
 - Weight: 2850 g



→ Cutting speed adjust button with safe lock.



- M10-100**
Dermatome Handpiece
- Autoclavable
 - 16.000 cpm
 - 300 x 90 x 42 mm / 1170 g



Dermatome Cutting Thickness		
level	mm	inch
1	0.17	0.006
2	0.34	0.013
3	0.51	0.020
4	0.68	0.026
5	0.85	0.033
6	1.02	0.040
7	1.19	0.046



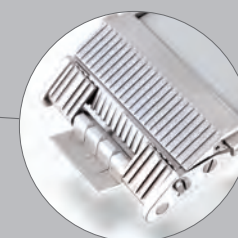
- M7-105**
Spare blades
One side cutting only.
stainless steel
- 10 ea.
 - 81 x 18,5 x 0,40 mm



- M10-102**
Rechargeable Ni-MH battery
- Not autoclavable
 - Battery capacity: 1.6 Ah
 - Voltage: 9.6 Volts
 - 136 x 32 x 32 mm / 270 g

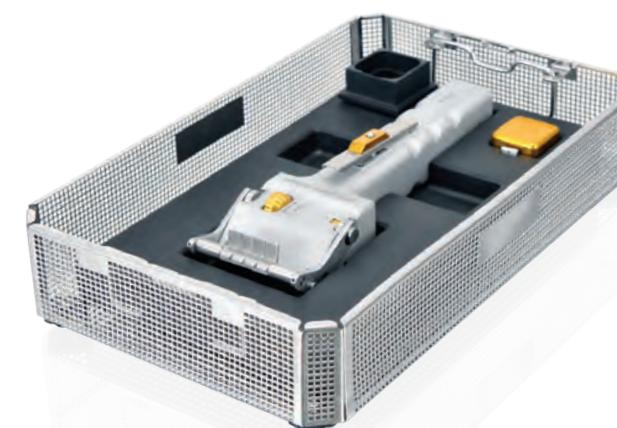


- M10-104**
Autoclavable sterile funnel
for aseptic battery loading
- 55 x 55 x55 mm / 60 g



→ 8 flaps give the ability to adjust cutting width from 9.75 mm to 78 mm.

M10-101 Dermatology Battery Set	
M10-100	Dermatome Handpiece
M10-102	Rechargeable battery
M10-103	Charger Unit
M10-104	Battery loading case
M7-105	Spare blades x10 ea.
K6-247B	Sterile Container
M10-130	Basket with stand
K2-740	Paper filter x100 pcs
K2-660	Security seal x100 pcs
K2-672	Paper labels x100 pcs
K2-673	Paper labels x100 pcs



- User friendly, battery powered high torque motor design.
- No need to connect electric supply or compressed air.
- Removable special batteries make steam sterilization possible.
- Ergonomic and weight balanced design make it easy to handle.
- 8 flaps give the ability to adjust cutting width from 9.75 mm to 78 mm.
- Easy blade change mechanism designed to insert the blade only one side thus uncorrect blade insertion is avoided.
- Cutting speed can be adjusted by only one finger.
- Safe lock mechanism prevents from unwanted operation of the motor.

SET FOR STERILIZATION

- K2-740**
Single use paper filter 100 pcs with indicator. Aygun mark.



- K2-673**
Labels, paper x 100 pcs With indicator.



- M10-130**
Basket with stand
405 x 253 x 70 mm



- K2-672**
Labels, paper x 100 pcs With indicator.



- K6-247B**
Sterile Container
481 x 280 x 135 mm



- K2-660**
Security seal made of plastic 100 pcs



DERMATOME ELECTRO FOR SKIN TRANSPLANTATION



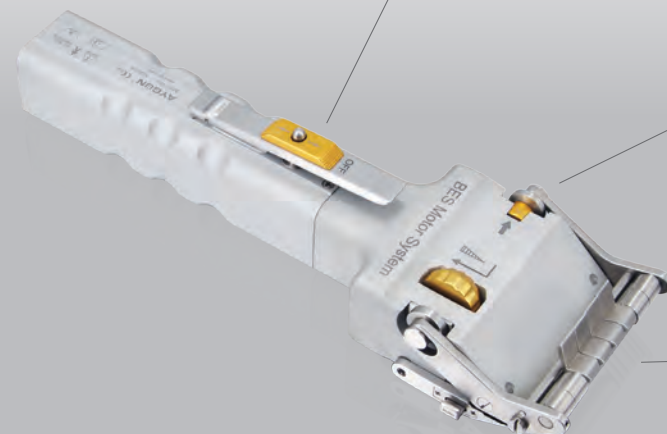
- M10-112**
Power supply for direct corded use
- Mains voltage 100-240 Volts, 50-60 Hz
 - Supply voltage 15 Volts, current 4A
 - Protections: Short circuit / Overload / Over voltage
 - Dimensions: 140 x 128 x 89 mm
 - Weight: 560 g



- M10-113**
Power cord for direct corded use
- Autoclavable,
 - Steam sterilisable at 2 bar 134° C
 - 4 m. cable length
 - 350 g



→ Cutting speed adjust button with safe lock.

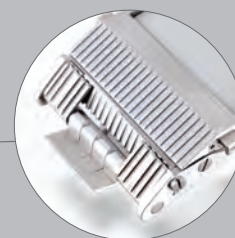


- M10-110**
Dermatome Handpiece
- Autoclavable
 - 16.000 cpm
 - 283 x 90 x 42 mm / 1080 g



→

Dermatome Cutting Thickness		
level	mm	inch
1	0.17	0.006
2	0.34	0.013
3	0.51	0.020
4	0.68	0.026
5	0.85	0.033
6	1.02	0.040
7	1.19	0.046

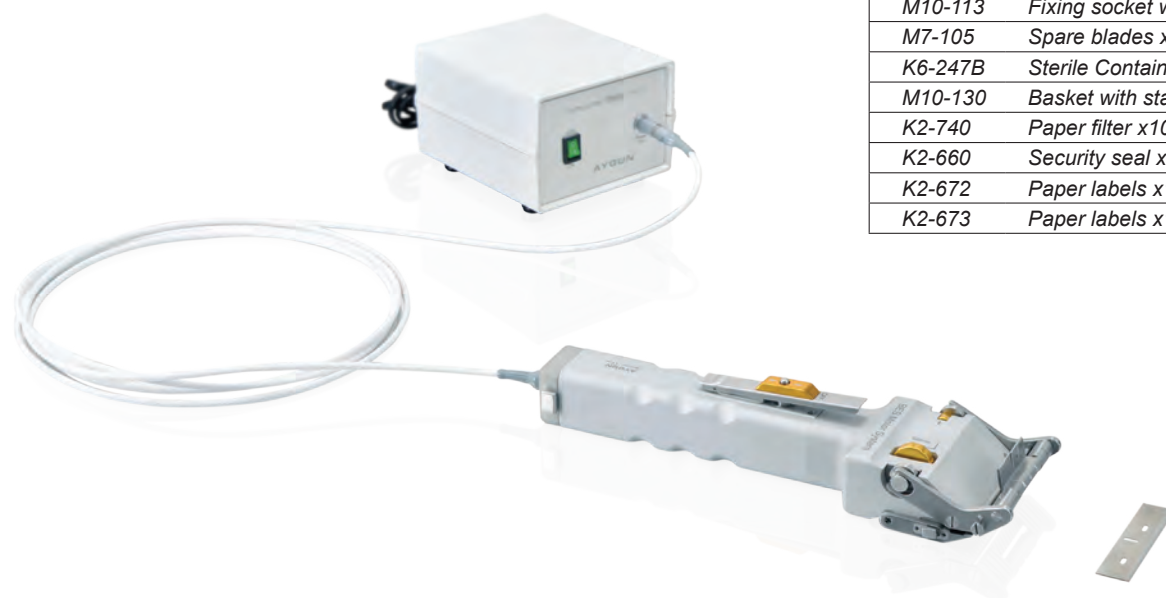


→ 8 flaps give the ability to adjust cutting width from 9.75 mm to 78 mm.



- M7-105**
Spare blades
One side cutting only.
stainless steel
- 10 ea.
 - 81 x 18,5 x 0,40 mm

M10-111 Dermatome Electro Set	
M10-110	Dermatome Handpiece
M10-112	Power Supply
M10-113	Fixing socket with cable
M7-105	Spare blades x10 ea.
K6-247B	Sterile Container
M10-130	Basket with stand
K2-740	Paper filter x100 pcs
K2-660	Security seal x100 pcs
K2-672	Paper labels x100 pcs
K2-673	Paper labels x100 pcs



SET FOR STERILIZATION

- K2-740**
Single use paper filter 100 pcs with indicator. Aygün mark.



- K2-673**
Labels, paper x 100 pcs With indicator.



- M10-130**
Basket with stand 405 x 253 x 70 mm



- K2-672**
Labels, paper x 100 pcs With indicator.



- K6-247B**
Sterile Container 481 x 280 x 135 mm



- K2-660**
Security seal made of plastic 100 pcs



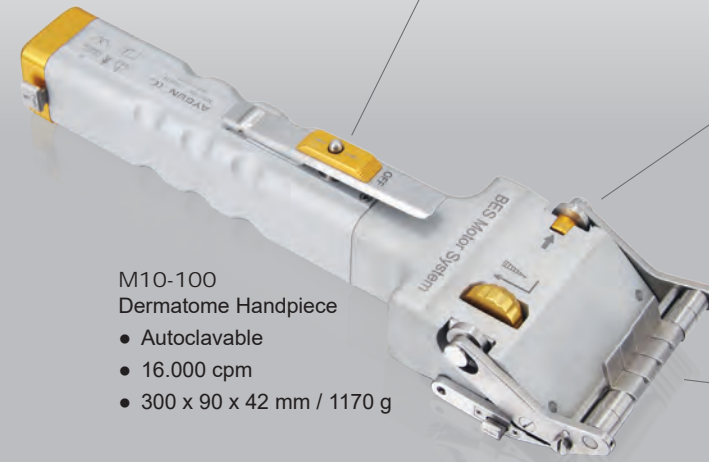
DERMATOME BATTERY & ELECTRO FOR SKIN TRANSPLANTATION



- M10-105**
Power supply and Charger unit for 2 battery (without battery)
- Can charge batteries and supply power for corded operation at the same time.
 - Mains voltage 100-240 Volts, 50-60 Hz, 1.5 A
 - Charging current 1.5 A
 - Charging voltage 9.6 Volts
 - Power supply 15 Volts, 4 A
 - Protections: Short circuit / Overload / Over voltage
 - Dimensions: 230 x 230 x 119 mm
 - Weight: 3210 g



→ Cutting speed adjust button with safe lock.



- M10-100**
Dermatome Handpiece
- Autoclavable
 - 16.000 cpm
 - 300 x 90 x 42 mm / 1170 g



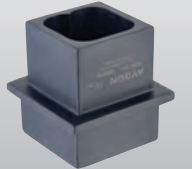
Dermatome Cutting Thickness		
level	mm	inch
1	0.17	0.006
2	0.34	0.013
3	0.51	0.020
4	0.68	0.026
5	0.85	0.033
6	1.02	0.040
7	1.19	0.046



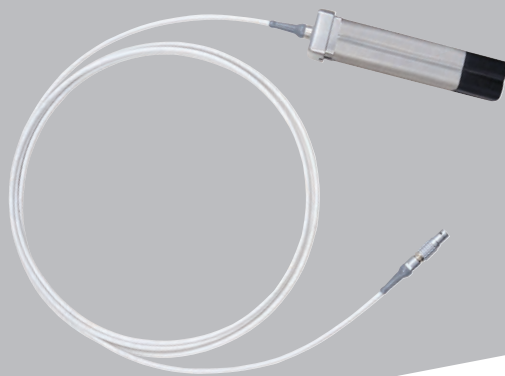
- M7-105**
Spare blades
One side cutting only.
stainless steel
- 10 ea.
 - 81 x 18,5 x 0,40 mm



- M10-102**
Rechargeable Ni-MH battery
- Not autoclavable
 - Battery capacity: 1.6 Ah
 - Voltage: 9.6 Volts
 - 136 x 32 x 32 mm / 270 g

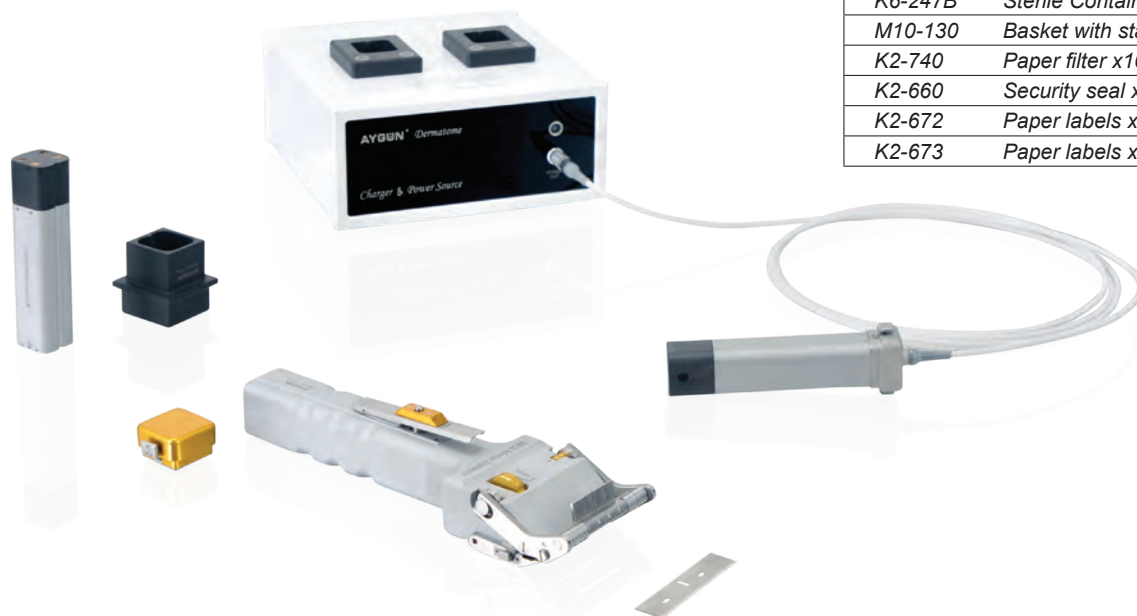


- M10-104**
Autoclavable sterile funnel
for aseptic battery loading
- 55 x 55 x55 mm / 60 g



- M10-113**
Power cord for direct corded use
- Autoclavable,
 - Steam sterilisable at 2 bar 134° C
 - 4 m. cable length
 - 350 g

M10-121 Dermatome Battery Set	
M10-100	Dermatome Handpiece
M10-102	Rechargeable battery
M10-105	Charger Unit
M10-104	Battery loading case
M10-113	Fixing socket with cable
M7-105	Spare blades x10 ea.
K6-247B	Sterile Container
M10-130	Basket with stand
K2-740	Paper filter x100 pcs
K2-660	Security seal x100 pcs
K2-672	Paper labels x100 pcs
K2-673	Paper labels x100 pcs



SET FOR STERILIZATION

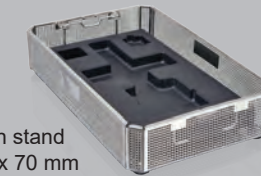
- K2-740**
Single use paper
filter 100 pcs
with indicator.
Aygün mark.



- K2-673**
Labels, paper x 100 pcs
With indicator.



- M10-130**
Basket with stand
405 x 253 x 70 mm



- K2-672**
Labels, paper x 100 pcs
With indicator.



- K6-247B**
Sterile Container
481 x 280 x 135 mm

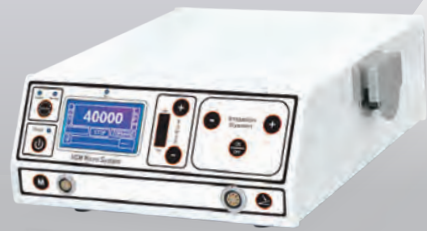


- K2-660**
Security seal made of
plastic 100 pcs



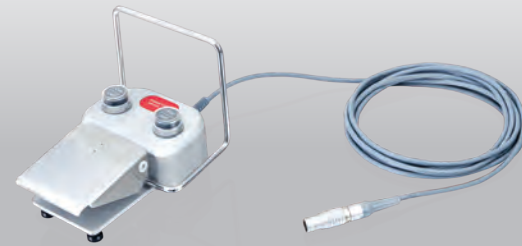
DERMATOME ELECTRO

FOR SKIN TRANSPLANTATION



M14-700
Power console

- Operating Speed: 40.000 rpm (Adjustable Maximum Speed)
- Operating Voltage: 200-240 V
- Power: 260 W
- Irrigation Flow Rate: 100 ml/min (Adjustable Maximum Flow Rate)
- Frequency : 50-60 Hz
- Dimensions: 340 x 255 x 106 mm
- Weight : 5.060 kg



M6-054
Foot pedal, with irrigation and F/R buttons

- Cable Length: 4 m
- Dimensions: 200 x 155 x 150 mm
- Weight: 1560 g



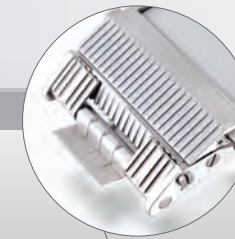
M14-310
Motor Cable

- Autoclavable
- Cable length: 4 m

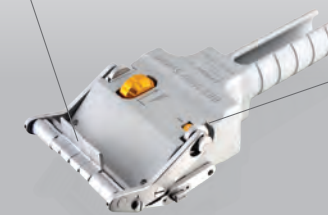


M14-800
Swiss Made
Powerful Brushless
DC Motor Technology

- Autoclavable
- Operating Speed: 40.000 rpm (Adjustable Maximum Speed)
- Power: 150 W
- Dimensions: 133 x 23 mm
- Weight: 160 g



➔ 8 flaps gives the ability to adjust cutting width from 9.75 mm to 78 mm.



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

- Autoclavable
- 200 x 90 x 42 mm / 960 g



Dermatome Cutting Thickness		
level	mm	inch
1	0.17	0.006
2	0.34	0.013
3	0.51	0.020
4	0.68	0.026
5	0.85	0.033
6	1.02	0.040
7	1.19	0.046



M7-105
Spare blades
One side cutting only.
stainless steel

- 10 ea.
- 81 x 18,5 x 0,40 mm

M14-1201 Dermatom Electro Set	
M14-1200	Dermatom Handpiece
M6-054	Foot pedal
M14-310	Motor cable
M14-700	Power console
M14-800	Electric motor
M7-105	Spare blades x10 ea.
K6-247B	Sterile Container
M14-1230	Basket with stand
K2-740	Paper filter x100 pcs
K2-660	Security seal x100 pcs
K2-672	Paper labels x100 pcs
K2-673	Paper labels x100 pcs



SET FOR STERILIZATION

K2-740
Single use paper
filter 100 pcs
with indicator.
Aygün mark.



K2-673
Labels, paper x 100 pcs
With indicator.



M14-1230
Basket with stand
405 x 253 x 70 mm



K2-672
Labels, paper x 100 pcs
With indicator.



K6-247B
Sterile Container
481 x 280 x 135 mm



K2-660
Security seal made of
plastic 100 pcs

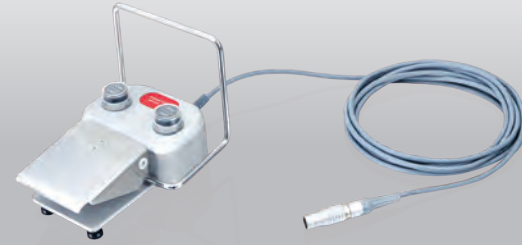


MINI DERMATOME ELECTRO FOR SKIN TRANSPLANTATION



M14-700
Power console

- Operating Speed: 40.000 rpm (Adjustable Maximum Speed)
- Operating Voltage: 200-240 V
- Power: 260 W
- Irrigation Flow Rate: 100 ml/min (Adjustable Maximum Flow Rate)
- Frequency : 50-60 Hz
- Dimensions: 340 x 255 x 106 mm
- Weight : 5.060 kg



M6-054
Foot pedal, with irrigation and F/R buttons

- Cable Length: 4 m
- Dimensions: 200 x 155 x 150 mm
- Weight: 1560 g



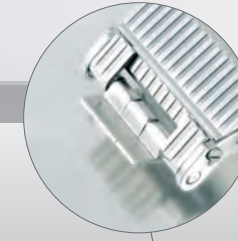
M14-310
Motor Cable

- Autoclavable
- Cable length: 4 m

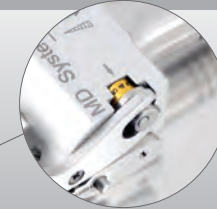


M14-800
Swiss Made
Powerful Brushless
DC Motor Technology

- Autoclavable
- Operating Speed: 40.000 rpm (Adjustable Maximum Speed)
- Power: 150 W
- Dimensions: 133 x 23 mm
- Weight: 160 g



→ 5 flaps gives the ability to adjust cutting width from 8 mm to 40 mm.



M14-1105
Spare blades
One side cutting only.
stainless steel

- 10 ea.
- 43 x 9 x 0,40 mm

Dermatome Cutting Thickness		
level	mm	inch
1	0.17	0.006
2	0.34	0.013
3	0.51	0.020
4	0.68	0.026
5	0.85	0.033
6	1.02	0.040



M14-1100
Mini Dermatome Handpiece
(With M14-800 max: 20.000 rpm)

- Autoclavable
- 110 x 50 x 27 mm / 180 g

M14-1101 Dermatome Mini Electro Set	
M14-1100	Mini Dermatome Handpiece
M6-054	Foot pedal
M14-310	Motor cable
M14-700	Power console
M14-800	Electric motor
M14-1105	Spare blades x10 ea.
K6-247B	Sterile Container
K3-750	Basket
K2-524	Silicone mat
K2-740	Paper filter x100 pcs
K2-660	Security seal x100 pcs
K2-672	Paper labels x100 pcs
K2-673	Paper labels x100 pcs



MINI Dermatome



SET FOR STERILIZATION

K2-524
Silicone mat
380 x 230 mm

K3-750
Basket
405 x 253 x 70 mm

K6-247B
Sterile Container
481 x 280 x 135 mm

K2-673
Labels, paper x 100 pcs
With indicator.

K2-672
Labels, paper x 100 pcs
With indicator.

K2-660
Security seal made of
plastic 100 pcs

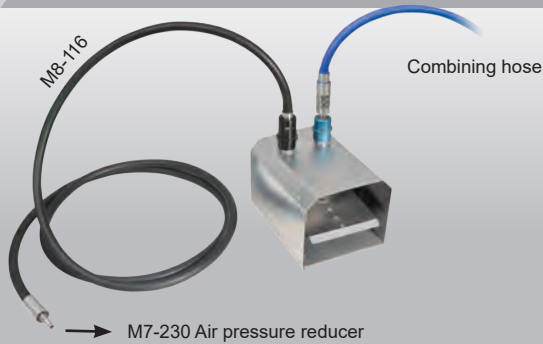
K2-740
Single use paper
filter 100 pcs
with indicator.
Aygün mark.

DERMATOME PNEUMATIC STANDARD

FOR SKIN TRANSPLANTATION



M7-230
Air pressure reducer
• 200 x 250 x 77 mm / 2150 g



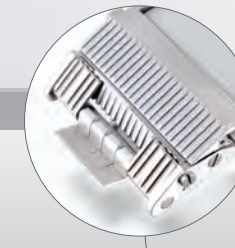
M8-114
Foot control pedal, M8-116 without combining hose
• 210 x 190 x 150 mm / 3160 g



M9-167 > 3 m
M9-168 > 5 m
Combining hoses for air supply
• Autoclavable
• 630 g



M12-800
Pneumatic Motor
Max. Working Pressure= 6 bar (90 psi)
• Autoclavable
• 185 x 25 mm / 360 g



8 flaps give the ability to adjust cutting width from 9.75 mm to 78 mm.



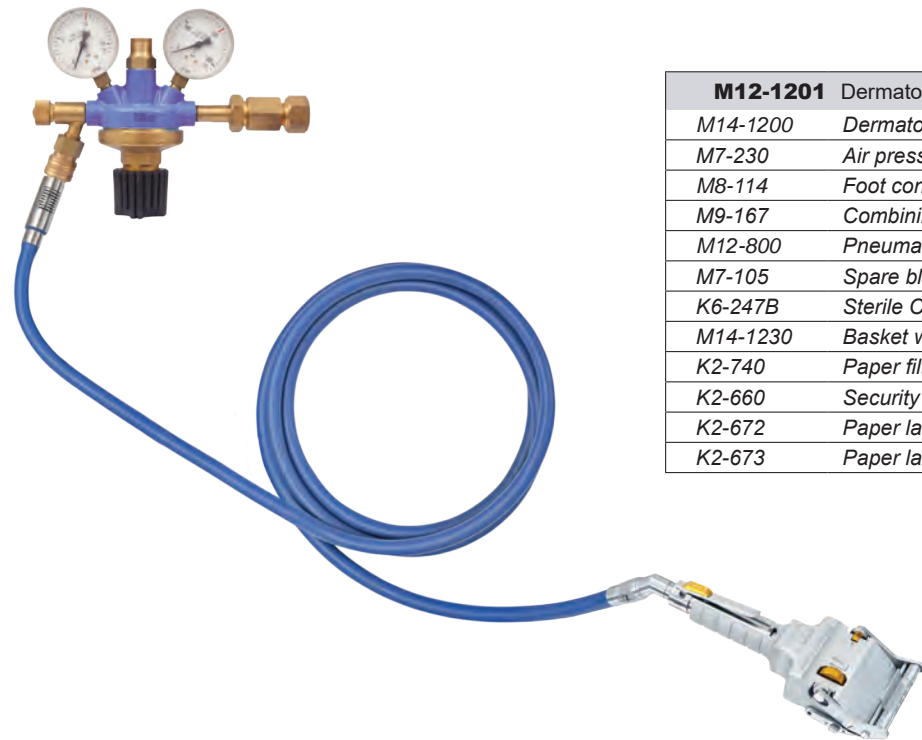
M14-1200
Dermatome Handpiece
• Autoclavable
• 200 x 90 x 42 mm / 960 g



Dermatome Cutting Thickness		
level	mm	inch
1	0.17	0.006
2	0.34	0.013
3	0.51	0.020
4	0.68	0.026
5	0.85	0.033
6	1.02	0.040
7	1.19	0.046



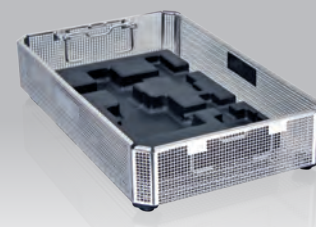
M7-105
Spare blades
One side cutting only.
stainless steel
• 10 ea.
• 81 x 18,5 x 0,40 mm



M12-1201 Dermatome Pneumatic Set	
M14-1200	Dermatome Handpiece
M7-230	Air pressure reducer
M8-114	Foot control pedal
M9-167	Combining hoses for air supply
M12-800	Pneumatic motor
M7-105	Spare blades x10 ea.
K6-247B	Sterile Container
M14-1230	Basket with stand
K2-740	Paper filter x100 pcs
K2-660	Security seal x100 pcs
K2-672	Paper labels x100 pcs
K2-673	Paper labels x100 pcs



K6-247B
Sterile Container
481 x 280 x 135 mm



M14-1230
Basket with stand
405 x 253 x 70 mm



K2-740
Single use paper filter 100 pcs
with indicator. Aygün mark.



K2-660
Security seal made of
plastic 100 pcs



K2-672
Labels, paper x 100 pcs
With indicator.



K2-673
Labels, paper x 100 pcs
With indicator.

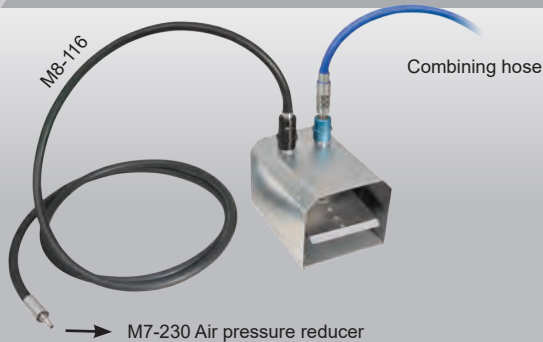
MINI DERMATOME PNEUMATIC STANDARD

FOR SKIN TRANSPLANTATION

AYGUN®
SURGICAL INSTRUMENTS CO., INC.



M7-230
Air pressure reducer
• 200 x 250 x 77 mm / 2150 g



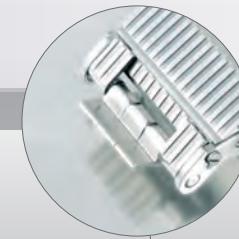
M8-114
Foot control pedal, M8-116 without combining hose
• 210 x 190 x 150 mm / 3160 g



M9-167 > 3 m
M9-168 > 5 m
Combining hoses for air supply
• Autoclavable
• 630 g



M12-800
Pneumatic Motor
Max. Working Pressure= 6 bar (90 psi)
• Autoclavable
• 185 x 25 mm / 360 g



5 flaps give the ability to adjust cutting width from 8 mm to 40 mm.



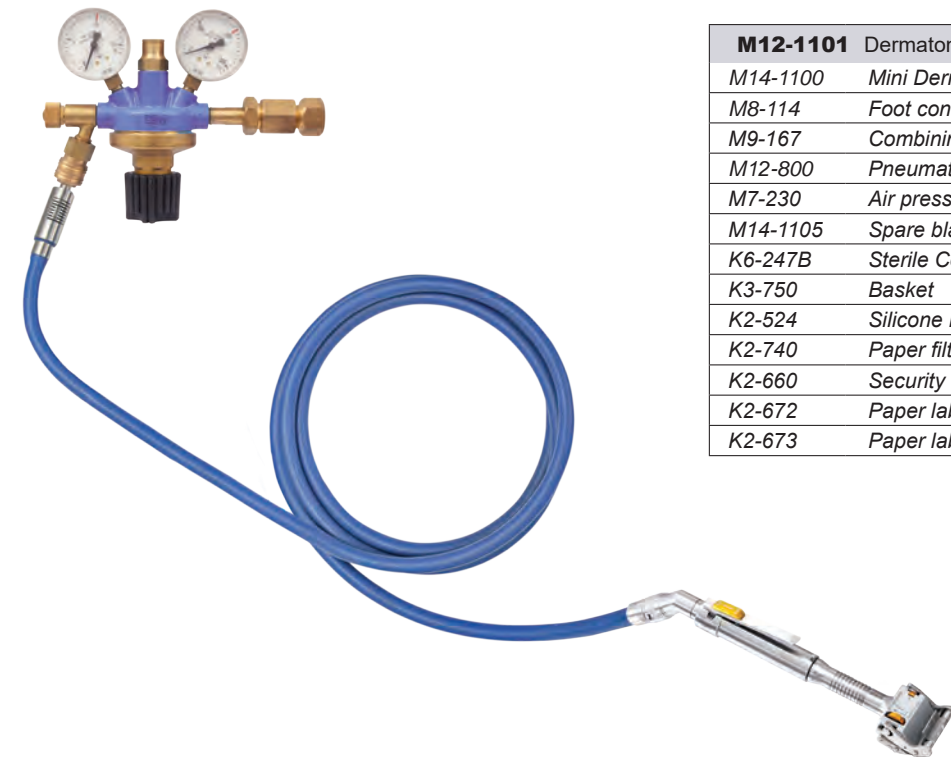
M14-1100
Mini Dermatome Handpiece
• Autoclavable
• 110 x 50 x 27 mm / 180 g



M14-1105
Spare blades
One side cutting only.
stainless steel

- 10 ea.
- 43 x 9 x 0,40 mm

Dermatome Cutting Thickness		
level	mm	inch
1	0.17	0.006
2	0.34	0.013
3	0.51	0.020
4	0.68	0.026
5	0.85	0.033
6	1.02	0.040

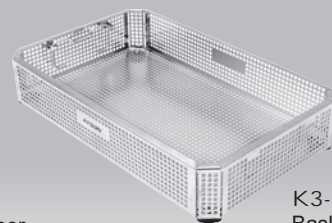


M12-1101 Dermatome Mini Pneumatic Set	
M14-1100	Mini Dermatome Handpiece
M8-114	Foot control pedal
M9-167	Combining hoses for air supply
M12-800	Pneumatic motor
M7-230	Air pressure reducer
M14-1105	Spare blades x10 ea.
K6-247B	Sterile Container
K3-750	Basket
K2-524	Silicone mat
K2-740	Paper filter x100 pcs
K2-660	Security seal x100 pcs
K2-672	Paper labels x100 pcs
K2-673	Paper labels x100 pcs

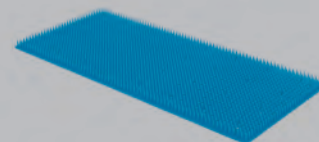
MINI Dermatome



K6-247B
Sterile Container
481 x 280 x 135 mm



K3-750
Basket
405 x 253 x 70 mm



K2-524
Silicone mat
380 x 230 mm



K2-740
Single use paper filter 100 pcs
with indicator. Aygün mark.



K2-660
Security seal made of
plastic 100 pcs



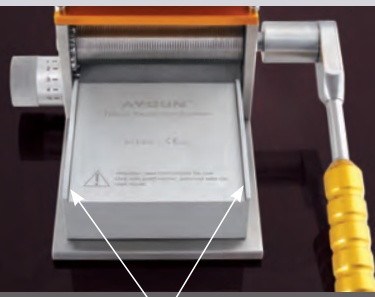
K2-672
Labels, paper x 100 pcs
With indicator.



K2-673
Labels, paper x 100 pcs
With indicator.

SKIN GRAFT MESHER

FOR SKIN TRANSPLANTATION



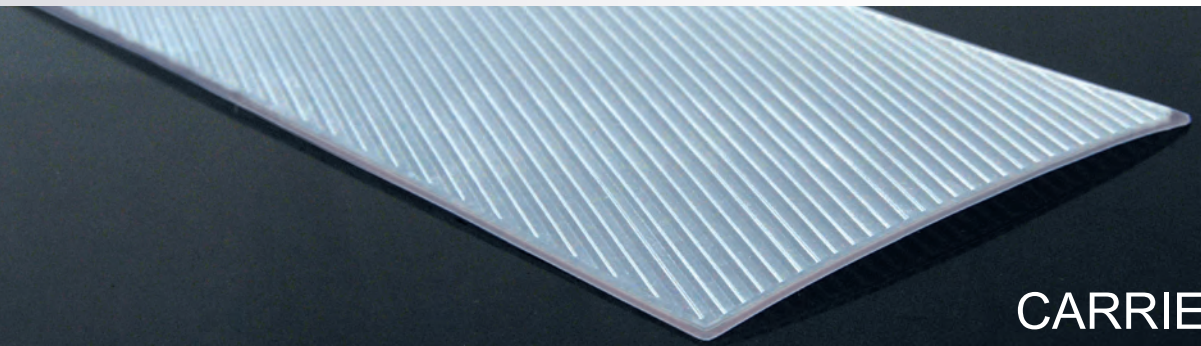
■ Guides for Graft Carrier



■ Ratchet Handle for Easy Operation



■ Graft Thickness Adjustment (0-1,5 mm)



CARRIER

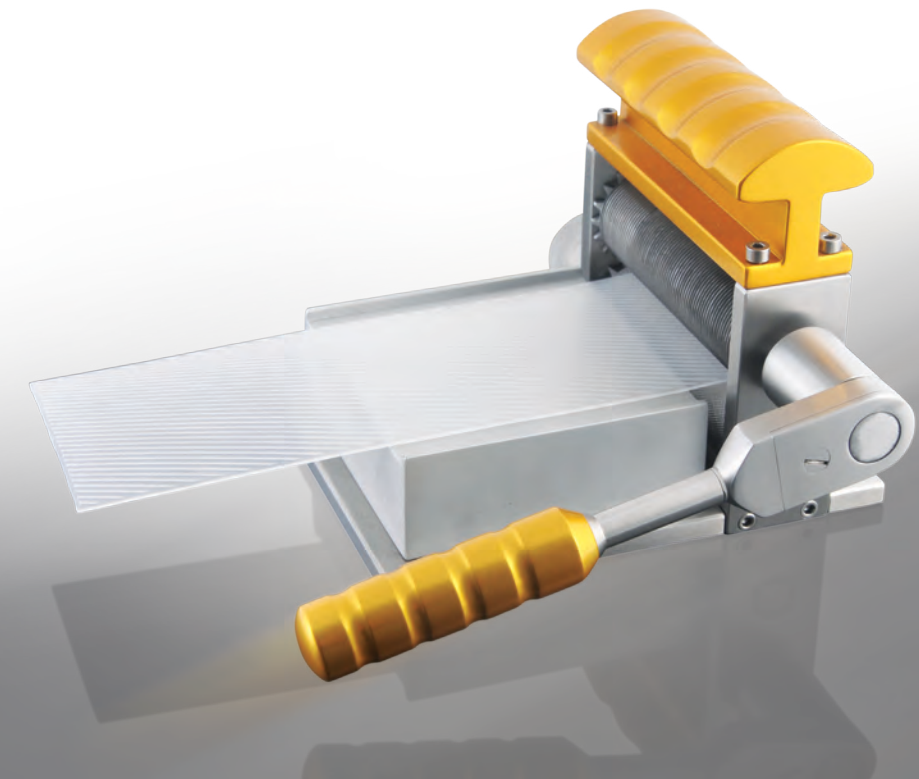


M11-500
Skin Graft Mesher
• 205 x 165 x 120 mm / 4000 g



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

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



- Single cutter cuts skin graft into geometrical shaped mesh & enlarges skin surface.
- Graft expansion predetermined by graft carrying plates, eliminating 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.

HSM *Micro System*



2017

Meeting Point For Surgery™

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SURGICAL INSTRUMENTS CO., INC.

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