

KARINCA 208

Surgical Motor Systems

TPLO Saw Attachment, Veterinary Surgery



"Meeting point for surgery..."

AYGUN®
SURGICAL INSTRUMENTS CO., INC.



“ Meeting point for surgery...”

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

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



SURGICAL MOTOR SYSTEMS

The expertise of AYGÜN 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 AYGÜN's expertise in the medical field.

SURGICAL MOTOR SYSTEM **MODELS**

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
Raptor SPS4



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 STERILIZATION PRODUCTS

AYGÜN 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, AYGÜN 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

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Power, Precision and Innovation...

- Less Weight, High Power
- Next Generation Cutting Technology
- New Generation Surgical Motor Technology
- Li-ion Battery Technology



KARINCA 208 TPLO Saw Attachment (for Veterinary Surgery)

Complete range of saw blades (7 ranging from 12mm radius to 30mm radius) to match the different sizes and anatomical shapes of dogs and cats tibial plateau

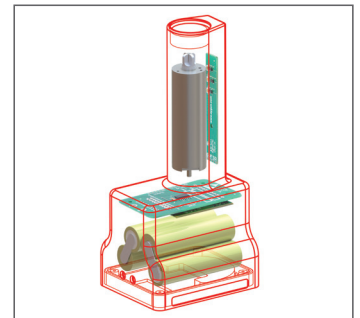
- The TPLO attachment, which is convenient with Karınca 208 that has a light-weight design, provides efficient and reliable cutting performance with new generation powerful motor;
- Lithium-ion battery technology provides consistent power during the operation;
- Easy handling and ergonomic design of Karınca 208 TPLO attachment ensures reliable and better controlled operation results;
- Karınca 208 TPLO attachment is an innovative new generation power tool with high quality engineering materials;
- Providing efficiency with engineering solutions;
- Extended battery life;
- Comfortable ergonomic design;
- Excellent cutting performance;
- Easy mounting of saw blades;
- Key only for changing saw blades;
- Saw blades can be mounted to operate at three different directions.



Karınca 208 power box records all data about usage for technical service information. Moreover the system provides users to observe battery level without removing the power box. Karınca 208 can also provide information about battery process cycles like how many times the battery is half charged or fully charged and total operation time in hours, minutes, seconds as well.



Power box oled screen enables users to indicate battery capacity by pressing the test button.



Battery, motor and all electronic components are combined together and exempt from sterilization by aim of increasing life time of the device



"Mechanical structure of Karınca 208 Handpieces provides users non-restrictive washing and disinfection."

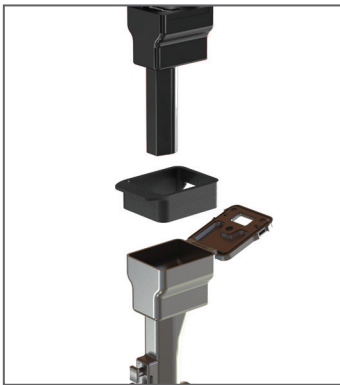
BATTERY CHARGING UNITS



- M208-410**
Power box with battery pack
- Powerful brushless DC motor technology
 - Battery capacity: 2.5 Ah / 37 Wh
 - Voltage: 14.8 Volts
 - Integrated oled screen and audible alert notification
 - Not autoclavable
 - 75 x 61 x 160 mm / 540 g



- M206-212**
Autoclavable sterile funnel
for aseptic battery loading
- Steam sterilisable
 - 30 x 74 x 104 mm / 55 g



Sterile funnel



- M206-411**
Battery pack, spare part
(for service needs only)
- Li-ion battery
 - Battery capacity: 2.5 Ah / 37 Wh
 - Voltage: 14.8 Volts
 - Not autoclavable
 - 68 x 56 x 35 mm / 240 g



- M206-226**
Charger unit for 1 battery
- Main voltage 100-240 Volts, 50-60 Hz
 - Charging current 2 A
 - Charging voltage 16.8 Volts
 - Protections: Short circuit / Overload / Over voltage
 - Charging indicator led
 - Battery not included
 - 130 x 250 x 130 mm / 1300 g



- M206-227**
Charger unit for 2 batteries
- Main voltage 100-240 Volts, 50-60 Hz
 - Charging current 2 A (x2)
 - Charging voltage 16.8 Volts
 - Protections: Short circuit / Overload / Over voltage
 - Charging indicator led
 - Battery not included
 - 230 x 250 x 130 mm / 2150 g

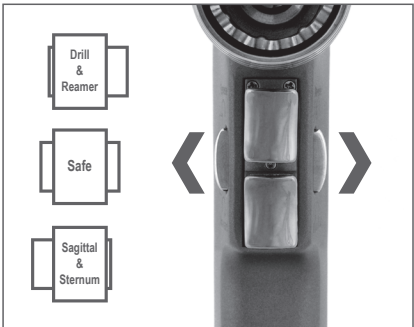


- M206-229**
Charger unit for 4 batteries
- Main voltage 100-240 Volts, 50-60 Hz
 - Charging current 2 A (x4)
 - Charging voltage 16.8 Volts
 - Protections: Short circuit / Overload / Over voltage
 - Charging indicator led
 - Battery not included
 - 430 x 250 x 130 mm / 3850 g

HANDPIECE



M208-200
Hexa - Function Handpiece
Dual trigger system for speed, direction
and oscillation control.
Steam sterilisable
Cannulated Ø 4 mm
77 x 133 x 215 mm / 990 g



Drill / reamer and sagittal / sternum
options in one-handpiece



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



Low / high speed options for both
sagittal / sternum modes

TPLO SAW ATTACHMENT



M103-970
TPLO Saw Attachment
(Without saw blades)

- High: 11.500 cpm / $\angle 4^{\circ} 50'$
- Low : 10.000 cpm / $\angle 4^{\circ} 50'$
- 44 x 99 mm / 280 g



SAW BLADES

Code	Radius	Working Length	Thickness
M103-980	12 mm	45 mm	0.6 mm
M103-981	15 mm	45 mm	0.6 mm
M103-982	18 mm	45 mm	0.6 mm
M103-983	20 mm	45 mm	0.6 mm
M103-984	24 mm	45 mm	0.6 mm
M103-985	27 mm	50 mm	0.6 mm
M103-986	30 mm	50 mm	0.6 mm



M7-320
Key only.



DRILL ATTACHMENTS

M208-308
Drill attachment with keyed chuck
Ø4 mm Cannulated
Ø 1.0 mm - 4.0 mm
900 rpm / 4 Nm
30 x 113 mm / 325 g



M8-473
Chuck key
for M208-308

M208-309
Drill attachment with keyed chuck
Ø4 mm Cannulated
Ø 1.0 mm - 6.35 mm
900 rpm / 4 Nm
30 x 126 mm / 370 g



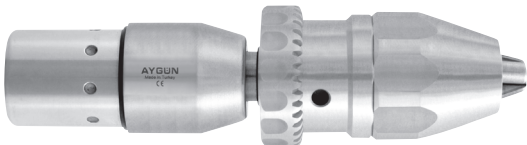
M7-250
Chuck key
for M208-309

M208-313
Drill attachment with hybrid chuck
Both keyed and keyless operation
Ø4 mm Cannulated
Ø 0.3 mm - 3 mm
900 rpm / 4 Nm
30 x 130 mm / 395 g



M7-253
Chuck key
for M208-313

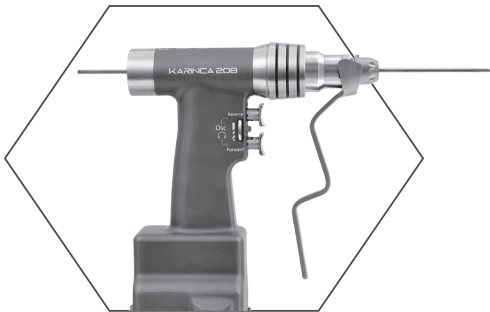
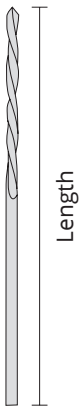
M208-310
Drill attachment with hybrid chuck
Both keyed and keyless operation
Ø4 mm Cannulated
Ø 1.0 mm - 7.4 mm
900 rpm / 4 Nm
34 x 142 mm / 485 g



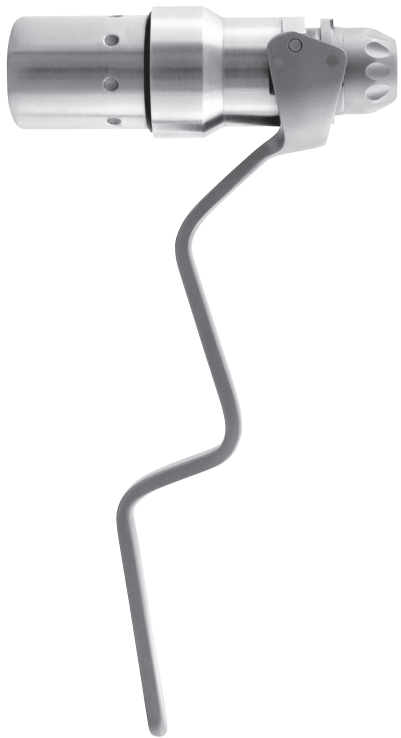
M7-252
Chuck key
for M208-310

DRILL BITS

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



QUICK - ACTION CHUCK
(for K-wire operations)



M103-349
Quick - action chuck
Cannulated Ø 0.6 mm - 1.0 mm
700 rpm / 4 Nm
30 X 87 mm / 350 g

M103-352
Quick - action chuck
Cannulated Ø 0.7 mm - 2.5 mm
700 rpm / 4 Nm
30 X 87 mm / 350 g

M103-353
Quick - action chuck
Cannulated Ø 1.5 mm - 4.0 mm
700 rpm / 4 Nm
30 X 87 mm / 350 g

Power, Precision and Innovation...



SAGITTAL SAW ATTACHMENT

M103-300
Sagittal saw attachment
(Without saw blades)

High : 11.500 cpm / $\angle 4^{\circ} 50'$
Low : 10.000 cpm / $\angle 4^{\circ} 50'$
62 x 111 mm / 460 g

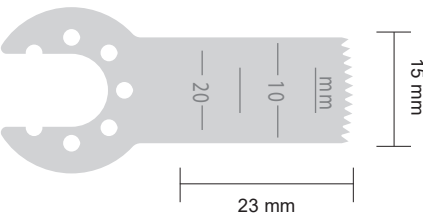


M103-301
Sagittal saw long attachment
(Without saw blades)

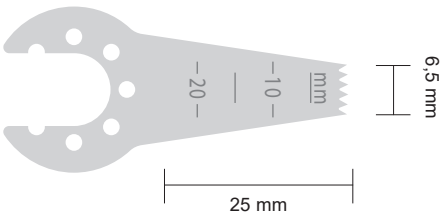
High : 11.500 cpm / $\angle 4^{\circ} 50'$
Low : 10.000 cpm / $\angle 4^{\circ} 50'$
62 x 175 mm / 700 g



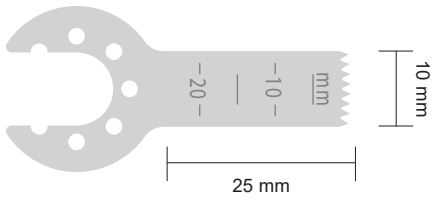
SAGITTAL SAW BLADES



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

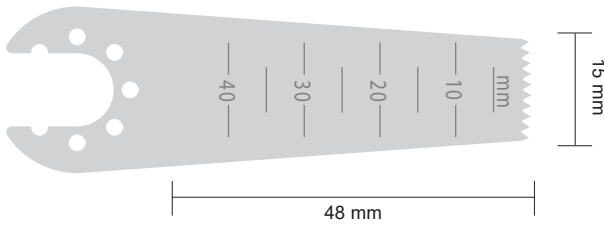


M103-1111
Material Thickness : 0.4 mm
Cutting Thickness : 0.6 mm

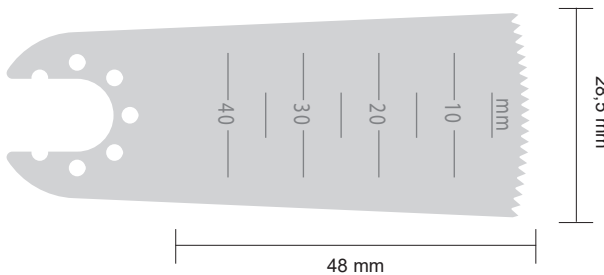


M103-1112
Material Thickness : 0.4 mm
Cutting Thickness : 0.6 mm

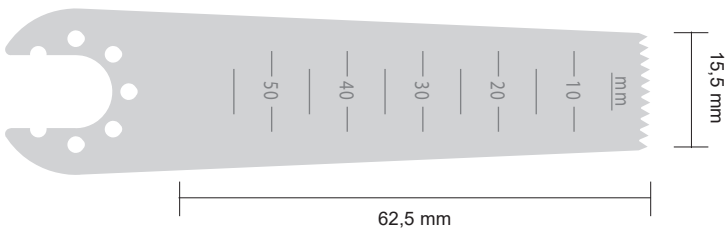
M103-1113
Material Thickness : 0.4 mm
Cutting Thickness : 0.6 mm



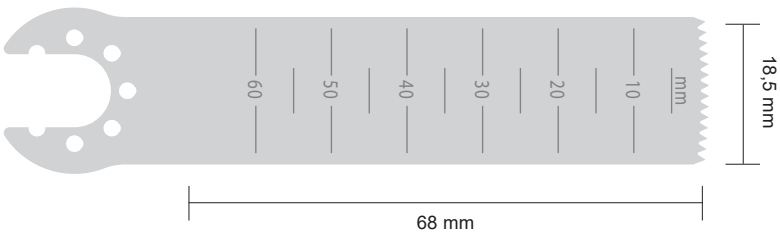
M103-1114
Material Thickness : 0.4 mm
Cutting Thickness : 0.6 mm



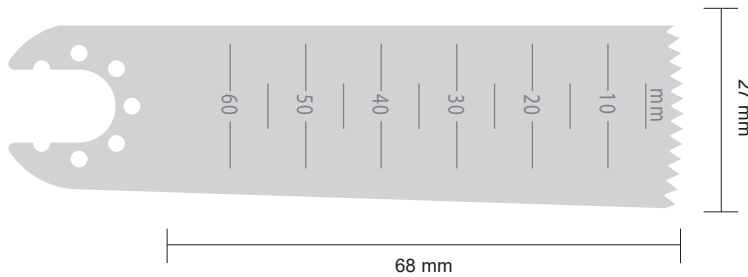
M103-1115
Material Thickness : 0.6 mm
Cutting Thickness : 0.8 mm



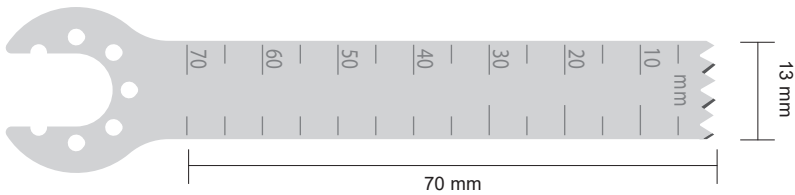
M103-1116
Material Thickness : 0.6 mm
Cutting Thickness : 0.8 mm



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

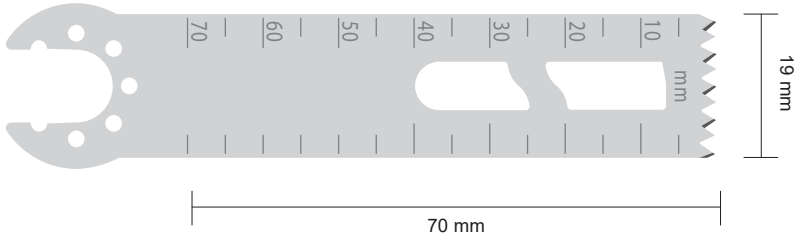


M103-1118
Material Thickness : 1.19 mm

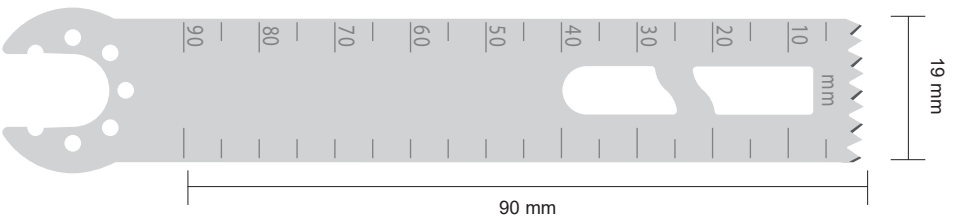


Power, Precision and Innovation...

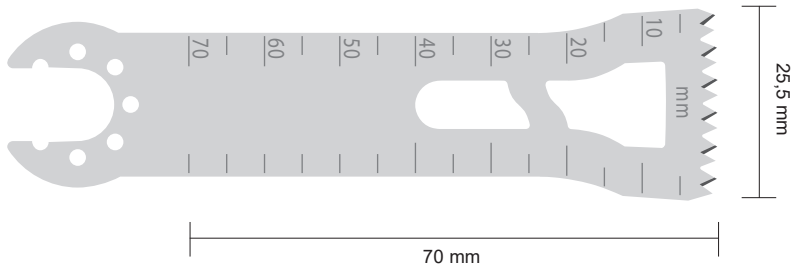
M103-1119
Material Thickness: 1 mm



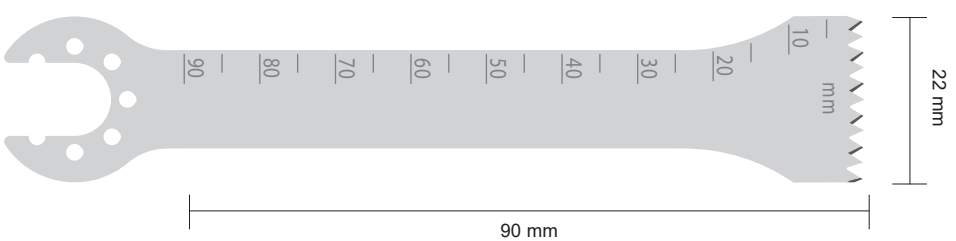
M103-1136
Material Thickness: 1.27 mm
M103-1137
Material Thickness: 1.37 mm



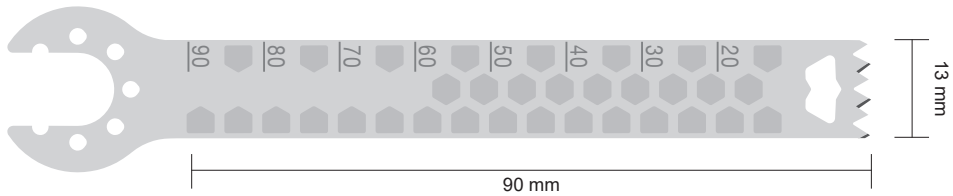
M103-1120
Material Thickness: 1 mm



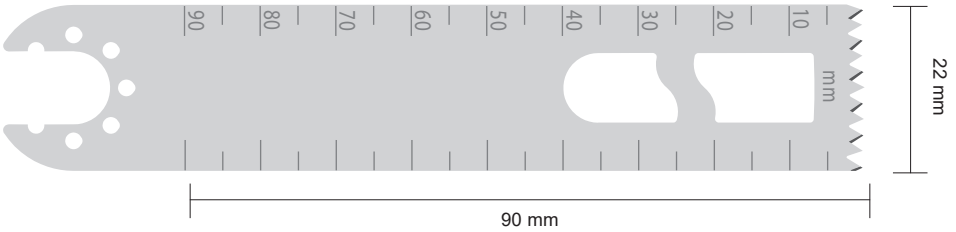
M103-1138
Material Thickness: 1.27 mm



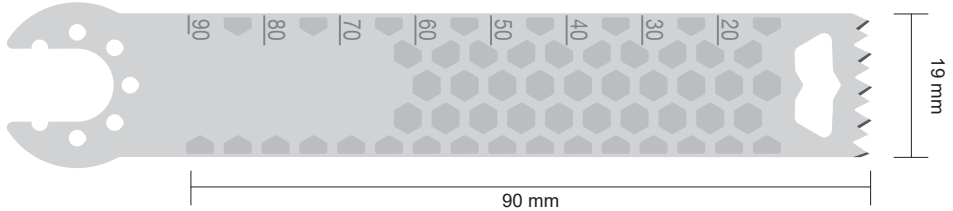
M103-1121
Material Thickness: 1 mm
M103-1122
Material Thickness: 1.19 mm
M103-1123
Material Thickness: 1.27 mm
M103-1124
Material Thickness: 1.37 mm



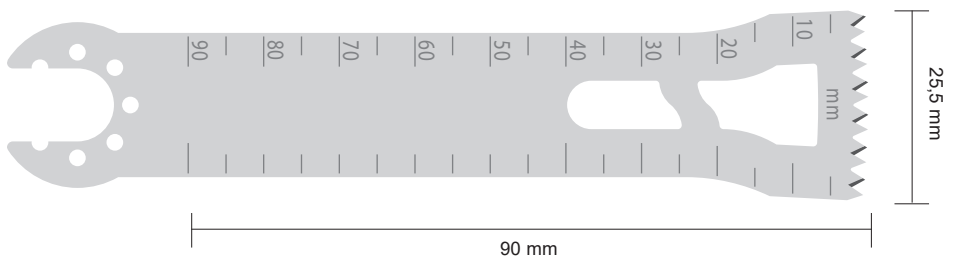
M103-1139
Material Thickness: 1 mm
M103-1140
Material Thickness: 1.27 mm



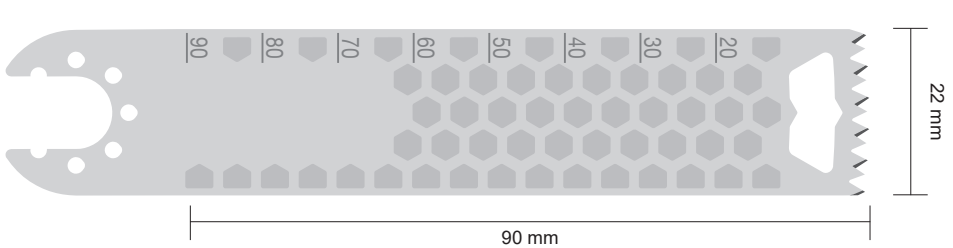
M103-1125
Material Thickness: 1.19 mm
M103-1126
Material Thickness: 1.27 mm
M103-1127
Material Thickness: 1.37 mm



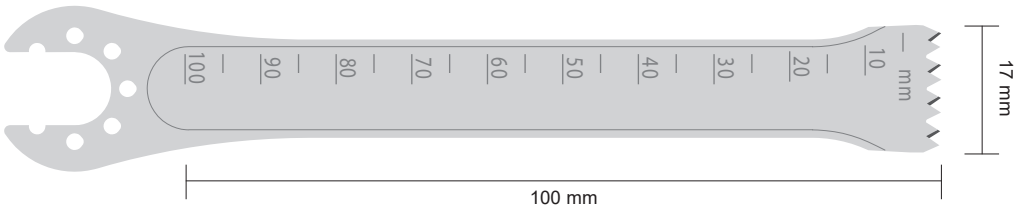
M103-1141
Material Thickness: 1 mm
M103-1142
Material Thickness: 1.19 mm
M103-1143
Material Thickness: 1.27 mm
M103-1144
Material Thickness: 1.37 mm
M103-1145
Material Thickness: 1.47 mm



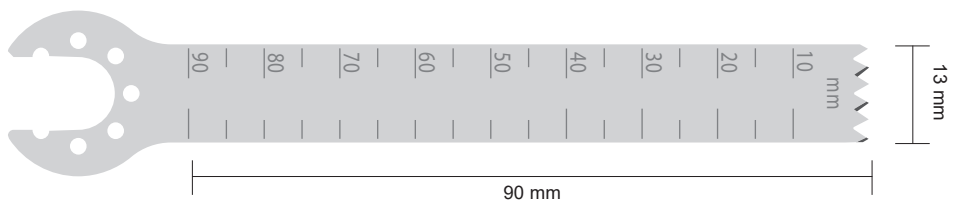
M103-1128
Material Thickness: 1 mm
M103-1129
Material Thickness: 1.19 mm
M103-1130
Material Thickness: 1.27 mm
M103-1131
Material Thickness: 1.37 mm
M103-1132
Material Thickness: 1.47 mm



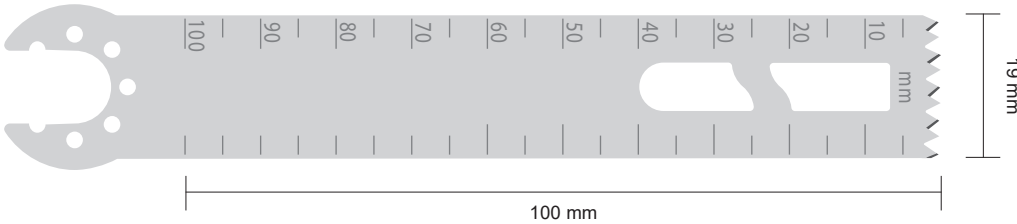
M103-1146
Material Thickness: 1.27 mm



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



M103-1147
Material Thickness: 1.19 mm



CONTAINER SET FOR STERILIZATION

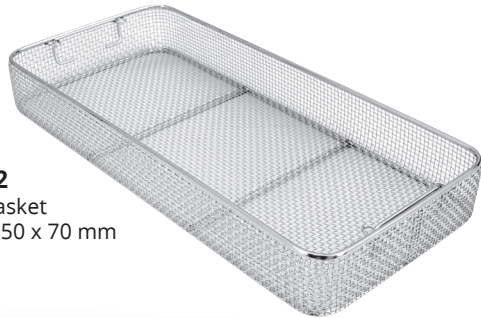


K8-123V
Lid, B3 Barrier Model
602 x 285 mm

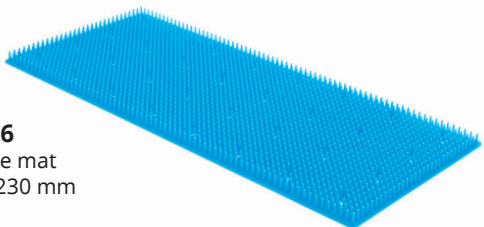
K6-107
Container, non perforated
600 x 272 x 138 mm



K3-742
Basket made from
stainless steel sheet (with
stand)
540 x 253 x 80 mm



K2-462
Wire basket
540 x 250 x 70 mm

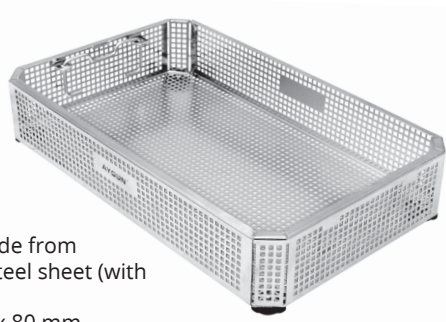


K2-526
Silicone mat
520 x 230 mm



K8-343V
Lid, B3 Barrier Model
477 x 285 mm

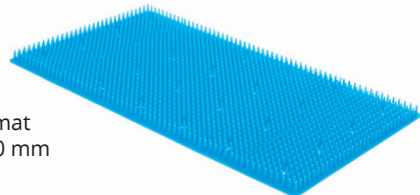
K6-307
Container, non perforated
475 x 272 x 138 mm



K3-750
Basket made from
stainless steel sheet (with
stand)
405 x 253 x 80 mm



K2-1502
Wire basket
405 x 250 x 70 mm



K2-524
Silicone mat
380 x 230 mm

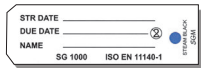


K2-674
Class 6 Emulating Indicator Card
1 Pack (250 pcs)

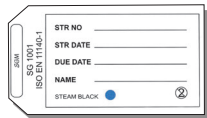


	code	color
Basic Set	K2-700	Red
Thoracotomy	K2-701	Blue
Orthopedic Set	K2-702	Green
Bone Set	K2-703	Yellow
Laminectomy	K2-704	Grey
Neuro Surgery	K2-705	Black
Cardiovascular	K2-706	Pink
Thoracotomy	K2-707	Brown

Identification labels (aluminium)
Coloured identification labels
Engraved to your specifications
Maximum 16 letters



K2-673
Labels (paper)
100 pcs. With indicator.
For small size and special
containers



K2-672
Labels (paper)
100 pcs. With indicator.
For full and half size containers



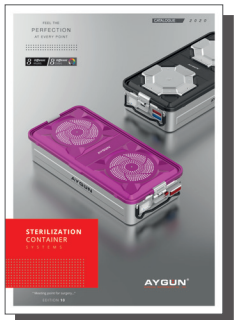
K1-900
Modular Auto Lock Mechanism (2 Pcs)



K2-660 red
Security seal
100 pcs made of plastic



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



For more information and alternative please see
our Sterilization Container System catalog.
From our website www.aygun.com



Standard Model



Bio-Barrier Model



High Performance Polymer PPSU Lids



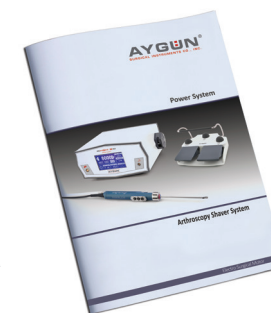
B3-PTFE - Valve - Bio-stop



Mini Bone



Mini Bone Monoblock



Arthroscopy Shaver System



Karinca 206



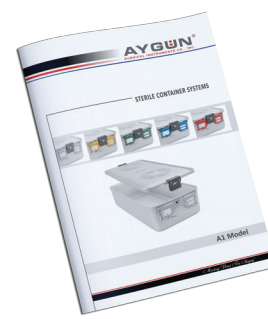
Karinca 208



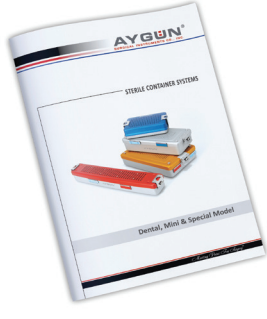
Plasma Model



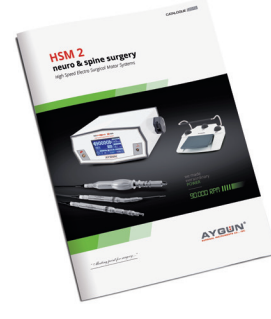
Window Model



A1 Model



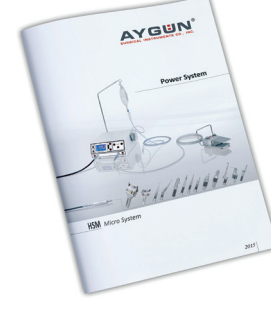
Dental, Mini Model



HSM-2 Neuro System



HSM Neuro System



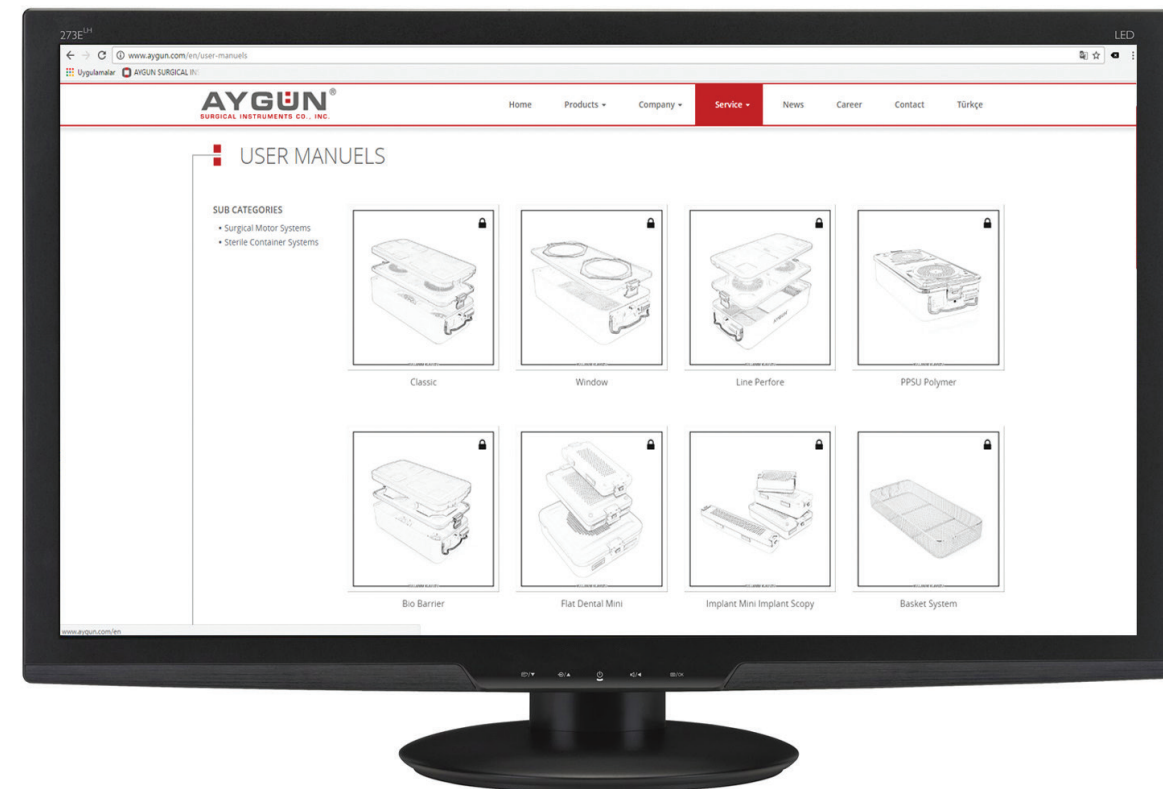
HSM Micro System



Dermatome ST5



Dermatome



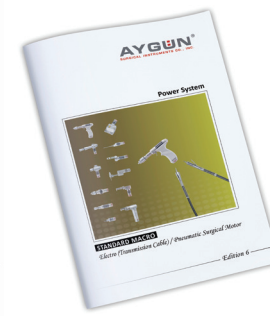
Praxis 3B



Praxis 3



Raptor SPS 4



Standard Macro



Standard Micro



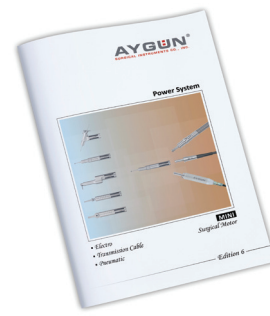
Electro Pneumatic Surgical Motor



Macro Compact 2



Mini Compact



Mini Surgical Motor



NAP Neuro Air Power

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