



## HSM 2 neuro & spine surgery

High Speed Electro  
Surgical Motor Systems

" Meeting point for surgery..."

EDITON 01

**AYGUN**<sup>®</sup>  
SURGICAL INSTRUMENTS CO., INC.



" Meeting point for surgery..."

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[www.aygun.com](http://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 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



## 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

## GROWING UP 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
- OHSAS 18001:2007
- ISO 13485:2016
- 93/42/EEC
- FDA 510 (K)





**AYGÜN**<sup>®</sup>  
SURGICAL INSTRUMENTS CO., INC.

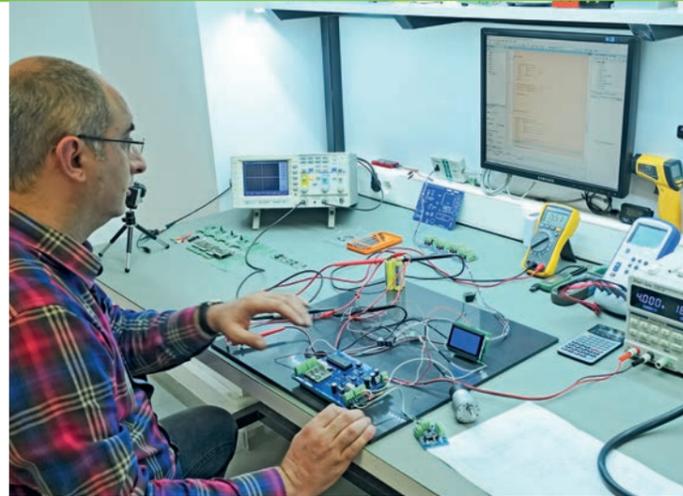
## PRODUCTION

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.

**ATTACHMENT  
CRANIOTOME  
PERFORATOR**



90.000 rpm

AYGÜN HSM-2 system, which combines the innovative technology and aesthetics, highlights the user comfort. High speed, high torque and motor recognition which are the most requested features by surgeons, in combination with ergonomic and light hand tools prevent fatigue even after long hours of surgery. System parts can easily be removed and attached, which is an advantage when the surgeon needs to act fast. AYGÜN HSM-2 system, is the one that lets you carry out a large number of procedures with a small number of handpieces.

Motor recognition feature adjusts maximum speed and torque parameters automatically when the handpiece is connected.



**TOUCHSCREEN CONSOLE & FOOT PEDAL**



**M14-405**  
Touchscreen Console

Main Screen

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

Torque Menu Max. 4,0 Nm

- Manual torque setting
- Cranial mode
- Spinal mode
- Metal cutter mode
- Light mode

Irrigation Menu

- On-off function
- Manual control between 15-100 ml
- Manual flow mode
- Continuous flush flow mode

Foot Pedal

- Progressive mode
- Fixed speed mode

Backlight Menu

- Adjustable low and high screen brightness



**M6-058**  
Foot 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



**M14-311**  
Pedal Cable  
(4 m. long)

**IRRIGATION PUMP**

- Easily attachable irrigation hose
- 15-100 ml irrigation rate per minute



**M6-121**  
Tubing Set



**M6-122**  
Console  
Irrigation Rack





**HIGH TORQUE MOTOR & MOTOR CABLE**



**PERFORATOR**

**M14-302**  
HSM-2 Motor Handpiece  
90.000 rpm / 4 N.cm  
117 x 20 mm / 170 g



**M14-310**  
Motor Cable  
(4 m. long)

**M14-303**  
HSM-2 Motor Handpiece,  
Titanium  
90.000 rpm / 4 N.cm  
117 x 20 mm / 130 g



**M14-352**  
HSM-2 Perforator Motor  
1.100 rpm / 4 Nm  
185 x 39 mm / 550 g



**M14-304**  
HSM-2 Motor Handpiece,  
with integrated cable  
90.000 rpm / 4 N.cm  
Cable length: 4 m



**M7-120**  
Trepan (Ø 6/9 mm)



**M7-121**  
Trepan (Ø 9/12 mm)



**M7-122**  
Trepan (Ø 12/15 mm)



**M14-310**  
Motor Cable  
(4 m. long)

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

**M14-320**  
Motor Stand, autoclavable





## MINI CRANIOTOME



**M14-315**  
Mini Craniotome,  
Modular dura guide for pediatric, adult and laminectomy applications. Keyless connection of handpiece, craniotome-bur, dura guide and motors. Clear identification of burs and dura guide by ring system (1-3 rings)  
67 x 18 mm / 40 g



## STANDARD CRANIOTOME



**M14-330**  
Standard Craniotome,  
Modular dura guide for pediatric, adult and laminectomy applications. Keyless connection of handpiece, craniotome-bur, dura guide and motors. Clear identification of burs and dura guide by ring system (1-3 rings)  
90 x 20 mm / 85 g

### ROTATIONAL GUIDE



**M14-324**  
Pediatric guide



**M14-325**  
Adult guide



**M14-326**  
Laminectomy guide

### FIXED GUIDE



**M14-321**  
Pediatric guide



**M14-322**  
Adult guide



**M14-323**  
Laminectomy guide



**M14-337**  
Drill limit attachment

### ROTATIONAL GUIDE



**M14-346**  
Pediatric guide,  
Rotational



**M14-347**  
Adult guide,  
Rotational

### FIXED GUIDE



**M14-340**  
Pediatric guide



**M14-341**  
Adult guide



**M14-342**  
Laminectomy guide



**M14-331**  
Drill limit attachment



**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**

**A**

Burs Length: 60 mm



**M14-100** 95 mm  
Straight Attachment

**A**

Burs Length: 60 mm



**M14-200** 120 mm  
Angled Attachment

**B**

Burs Length: 80 mm



**M14-110** 115 mm  
Straight Attachment

**B**

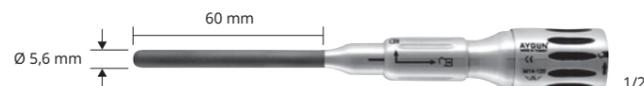
Burs Length: 80 mm



**M14-210** 140 mm  
Angled Attachment

**C**

Burs Length: 100 mm



**M14-120** 135 mm  
Straight Attachment

**C**

Burs Length: 100 mm



**M14-220** 160 mm  
Angled Attachment

**D**

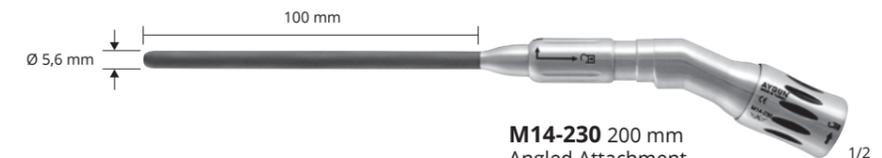
Burs Length: 140 mm



**M14-130** 175 mm  
Straight Attachment

**D**

Burs Length: 140 mm



**M14-230** 200 mm  
Angled Attachment

**E**

Burs Length: 195 mm



**M14-160** 225 mm  
Straight Attachment

**E**

Burs Length: 195 mm



**M14-240** 255 mm  
Angled Attachment



**F**

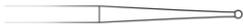
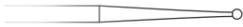
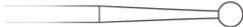
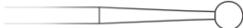
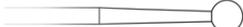
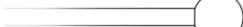
Burs Length: 255 mm

**M14-250** 315 mm  
Angled Attachment



# A ATTACHMENTS & BURS

Burs Length: 60 mm

|   | Ø mm | ROSEN          | HIGH SPEED Tungsten | DIAMOND        |
|---|------|----------------|---------------------|----------------|
|    | 1,0  | <b>M14-410</b> | <b>M14-420</b>      | <b>M14-430</b> |
|    | 1,4  | <b>M14-411</b> | <b>M14-421</b>      | <b>M14-431</b> |
|    | 2,3  | <b>M14-412</b> | <b>M14-422</b>      | <b>M14-432</b> |
|    | 3,1  | <b>M14-413</b> | <b>M14-423</b>      | <b>M14-433</b> |
|    | 3,5  | <b>M14-900</b> | <b>M14-902</b>      | <b>M14-904</b> |
|    | 4,0  | <b>M14-901</b> | <b>M14-903</b>      | <b>M14-905</b> |
|    | 4,5  | <b>M14-414</b> | <b>M14-424</b>      | <b>M14-434</b> |
|    | 5,0  | <b>M14-415</b> | <b>M14-425</b>      | <b>M14-435</b> |
|   | 6,0  | <b>M14-416</b> | <b>M14-426</b>      | <b>M14-436</b> |
|  | 7,0  | <b>M14-417</b> | <b>M14-427</b>      | <b>M14-437</b> |

## BUD

|   | Ø mm | 5,0            | 7,0            |
|---|------|----------------|----------------|
|    | 5,0  | <b>M14-438</b> | <b>M14-439</b> |
|  | 7,0  |                |                |

## NEURO

|   | Ø mm | 1,8            | 2,2            | 3,0            |
|---|------|----------------|----------------|----------------|
|    | 1,8  | <b>M14-443</b> | <b>M14-444</b> | <b>M14-445</b> |
|  | 2,2  |                |                |                |
|  | 3,0  |                |                |                |

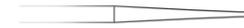
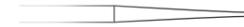
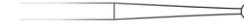
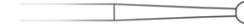
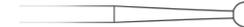
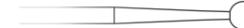
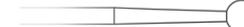
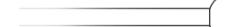
## ACORN

|   | Ø mm | 7,5            |
|---|------|----------------|
|  | 7,5  | <b>M14-538</b> |



# B ATTACHMENTS & BURS

Burs Length: 80 mm

|   | Ø mm | ROSEN          | HIGH SPEED Tungsten | DIAMOND        |
|---|------|----------------|---------------------|----------------|
|    | 1,0  | <b>M14-450</b> | <b>M14-460</b>      | <b>M14-470</b> |
|    | 1,4  | <b>M14-451</b> | <b>M14-461</b>      | <b>M14-471</b> |
|    | 2,3  | <b>M14-452</b> | <b>M14-462</b>      | <b>M14-472</b> |
|    | 3,1  | <b>M14-453</b> | <b>M14-463</b>      | <b>M14-473</b> |
|    | 3,5  | <b>M14-906</b> | <b>M14-908</b>      | <b>M14-910</b> |
|    | 4,0  | <b>M14-907</b> | <b>M14-909</b>      | <b>M14-911</b> |
|    | 4,5  | <b>M14-454</b> | <b>M14-464</b>      | <b>M14-474</b> |
|    | 5,0  | <b>M14-455</b> | <b>M14-465</b>      | <b>M14-475</b> |
|   | 6,0  | <b>M14-456</b> | <b>M14-466</b>      | <b>M14-476</b> |
|  | 7,0  | <b>M14-457</b> | <b>M14-467</b>      | <b>M14-477</b> |



## BUD

|   | Ø mm | 5,0            | 7,0            |
|---|------|----------------|----------------|
|  | 5,0  | <b>M14-458</b> | <b>M14-459</b> |
|  | 7,0  |                |                |

## NEURO

|   | Ø mm | 1,8            | 2,2            | 3,0            |
|---|------|----------------|----------------|----------------|
|  | 1,8  | <b>M14-483</b> | <b>M14-484</b> | <b>M14-485</b> |
|  | 2,2  |                |                |                |
|  | 3,0  |                |                |                |

## ACORN

|   | Ø mm | 7,5            |
|---|------|----------------|
|  | 7,5  | <b>M14-539</b> |

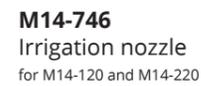


# C ATTACHMENTS & BURS

Burs Length: 100 mm



| Ø mm | ROSEN   | HIGH SPEED Tungsten | DIAMOND |
|------|---------|---------------------|---------|
| 1,0  | M14-490 | M14-500             | M14-510 |
| 1,4  | M14-491 | M14-501             | M14-511 |
| 2,3  | M14-492 | M14-502             | M14-512 |
| 3,1  | M14-493 | M14-503             | M14-513 |
| 3,5  | M14-912 | M14-914             | M14-916 |
| 4,0  | M14-913 | M14-915             | M14-917 |
| 4,5  | M14-494 | M14-504             | M14-514 |
| 5,0  | M14-495 | M14-506             | M14-515 |
| 6,0  | M14-496 | M14-507             | M14-516 |
| 7,0  | M14-497 | M14-508             | M14-517 |



**BUD**

| Ø mm | 5,0     | 7,0     |
|------|---------|---------|
|      | M14-468 | M14-469 |

**NEURO**

| Ø mm | 1,8     | 2,2     | 3,0     |
|------|---------|---------|---------|
|      | M14-523 | M14-524 | M14-525 |

**ACORN**

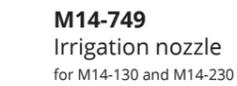
| Ø mm | 7,5     |
|------|---------|
|      | M14-548 |

# D ATTACHMENTS & BURS

Burs Length: 140 mm



| Ø mm | ROSEN   | HIGH SPEED Tungsten | DIAMOND |
|------|---------|---------------------|---------|
| 1,0  | M14-530 | M14-540             | M14-550 |
| 1,4  | M14-531 | M14-541             | M14-551 |
| 2,3  | M14-532 | M14-542             | M14-552 |
| 3,1  | M14-533 | M14-543             | M14-553 |
| 3,5  | M14-918 | M14-920             | M14-922 |
| 4,0  | M14-919 | M14-921             | M14-923 |
| 4,5  | M14-534 | M14-544             | M14-554 |
| 5,0  | M14-535 | M14-545             | M14-555 |
| 6,0  | M14-536 | M14-546             | M14-556 |
| 7,0  | M14-537 | M14-547             | M14-557 |



**BUD**

| Ø mm | 5,0     | 7,0     |
|------|---------|---------|
|      | M14-478 | M14-479 |

**NEURO**

| Ø mm | 1,8     | 2,2     | 3,0     |
|------|---------|---------|---------|
|      | M14-563 | M14-564 | M14-565 |

**ACORN**

| Ø mm | 7,5     |
|------|---------|
|      | M14-549 |

# E ATTACHMENT & BURS

Burs Length: 195 mm



**M14-760**  
Bur guard  
Max Ø 4,5 mm burs



**M14-240**  
Angled Attachment

**M14-160**  
Straight Attachment



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

| Ø mm | ROSEN          | HIGH SPEED Tungsten | DIAMOND        |
|------|----------------|---------------------|----------------|
| 1,0  | <b>M14-570</b> | <b>M14-580</b>      | <b>M14-590</b> |
| 1,4  | <b>M14-571</b> | <b>M14-581</b>      | <b>M14-591</b> |
| 2,3  | <b>M14-572</b> | <b>M14-582</b>      | <b>M14-592</b> |
| 3,1  | <b>M14-573</b> | <b>M14-583</b>      | <b>M14-593</b> |
| 3,5  | <b>M14-924</b> | <b>M14-926</b>      | <b>M14-928</b> |
| 4,0  | <b>M14-925</b> | <b>M14-927</b>      | <b>M14-929</b> |
| 4,5  | <b>M14-574</b> | <b>M14-584</b>      | <b>M14-594</b> |
| 5,0  | <b>M14-575</b> | <b>M14-585</b>      | <b>M14-595</b> |
| 6,0  | <b>M14-576</b> | <b>M14-586</b>      | <b>M14-596</b> |
| 7,0  | <b>M14-577</b> | <b>M14-587</b>      | <b>M14-597</b> |

## BUD

| Ø mm | 5,0            | 7,0            |
|------|----------------|----------------|
|      | <b>M14-498</b> | <b>M14-499</b> |

## NEURO

| Ø mm | 1,8            | 2,2            | 3,0            |
|------|----------------|----------------|----------------|
|      | <b>M14-603</b> | <b>M14-604</b> | <b>M14-605</b> |

## ACORN

| Ø mm | 7,5            |
|------|----------------|
|      | <b>M14-558</b> |

# F ANGLED ATTACHMENT & BURS

Burs Length: 255 mm



**M14-760**  
Bur guard  
Max Ø 4,5 mm burs



**M14-250**  
Angled Attachment

**M14-755**  
Irrigation nozzle  
for M14-250

| Ø mm | ROSEN          | HIGH SPEED Tungsten | DIAMOND        |
|------|----------------|---------------------|----------------|
| 1,0  | <b>M14-610</b> | <b>M14-620</b>      | <b>M14-630</b> |
| 1,4  | <b>M14-611</b> | <b>M14-621</b>      | <b>M14-631</b> |
| 2,3  | <b>M14-612</b> | <b>M14-622</b>      | <b>M14-632</b> |
| 3,1  | <b>M14-613</b> | <b>M14-623</b>      | <b>M14-633</b> |
| 3,5  | <b>M14-930</b> | <b>M14-932</b>      | <b>M14-934</b> |
| 4,0  | <b>M14-931</b> | <b>M14-933</b>      | <b>M14-935</b> |
| 4,5  | <b>M14-614</b> | <b>M14-624</b>      | <b>M14-634</b> |
| 5,0  | <b>M14-615</b> | <b>M14-625</b>      | <b>M14-635</b> |
| 6,0  | <b>M14-616</b> | <b>M14-626</b>      | <b>M14-636</b> |
| 7,0  | <b>M14-617</b> | <b>M14-627</b>      | <b>M14-637</b> |

## BUD

| Ø mm | 5,0            | 7,0            |
|------|----------------|----------------|
|      | <b>M14-518</b> | <b>M14-519</b> |

## NEURO

| Ø mm | 1,8            | 2,2            | 3,0            |
|------|----------------|----------------|----------------|
|      | <b>M14-643</b> | <b>M14-644</b> | <b>M14-645</b> |

## ACORN

| Ø mm | 7,5            |
|------|----------------|
|      | <b>M14-559</b> |



## CURVED ATTACHMENT & DISPOSABLE DRILLS

## METAL CUTTER & BURS



- M14-830**  
Curved Attachment
- Max 60.000 rpm
  - Length adjustment between 1 mm and 10 mm
  - In its own tube
  - Disposable with tube



ROSEN



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



DIAMOND



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



NEURO



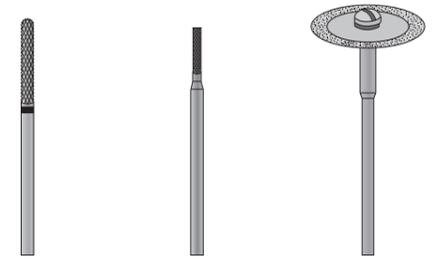
|          |                |                |                |                |                |                |                |                |
|----------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Length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

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



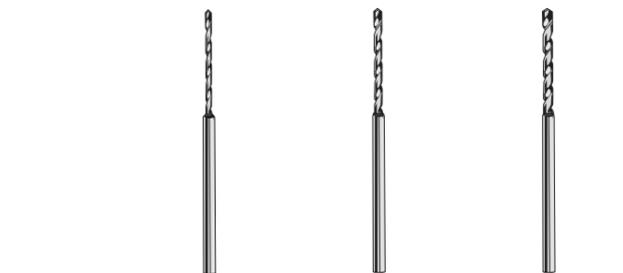
**M14-770** 115 mm  
Metal Cutter

### NEURO



**M14-772**      **M14-773**      **M14-774**

### DRILL



Ø mm      1,5      2      2,5  
**M14-775**      **M14-776**      **M14-777**



## HSM-2 LARGE SET



### M14-825 HSM-2 Large Set

Set Content

|         |                                |
|---------|--------------------------------|
| M14-405 | Power console                  |
| M6-058  | Foot pedal                     |
| M14-311 | Pedal cable                    |
| M14-302 | HSM-2 motor handpiece          |
| M14-310 | Motor cable                    |
| M14-100 | Attachment, 95 mm              |
| M14-110 | Attachment, 115 mm             |
| M14-120 | Attachment, 135 mm             |
| M14-130 | Attachment, 175 mm             |
| M14-200 | Attachment, angled 120 mm      |
| M14-210 | Attachment, angled 140 mm      |
| M14-220 | Attachment, angled 160 mm      |
| M14-740 | Irrigation nozzle              |
| M14-743 | Irrigation nozzle              |
| M14-746 | Irrigation nozzle              |
| M14-749 | Irrigation nozzle              |
| M14-760 | Bur guard                      |
| M14-412 | Bur, rosen (2 pcs)             |
| M14-452 | Bur, rosen (2 pcs)             |
| M14-492 | Bur, rosen (2 pcs)             |
| M14-532 | Bur, rosen                     |
| M14-330 | Craniotome                     |
| M14-346 | Pediatric guide, rotational    |
| M14-347 | Adult guide, rotational        |
| M14-342 | Guide, laminectomy             |
| M14-331 | Drill limit attachment         |
| M14-343 | Pediatric craniotome blade     |
| M14-344 | Adult craniotome blade         |
| M14-345 | Laminectomy craniotome blade   |
| M14-770 | Metal cutter                   |
| M14-772 | for metal cutter               |
| M14-773 | for metal cutter               |
| M14-774 | for metal cutter               |
| M14-352 | HSM-2 perforator motor         |
| 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                      |
| M14-817 | Spray nozzle, for attachment   |
| M14-819 | Spray nozzle, for handpiece    |
| M6-121  | Tubing set                     |
| M6-122  | Console irrigation rack        |
| M14-812 | PPSU attachment stand          |
| M14-813 | Basket with silicone fixations |
| K6-022  | Sterilization container        |



**M14-405**  
Power console



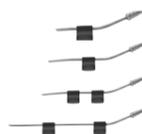
**M6-058**  
Foot pedal



**M14-311**  
Pedal cable



**M14-760**  
Bur guard



**M14-740**  
**M14-743**  
**M14-746**  
**M14-749**  
Irrigation nozzle



**M6-121**  
Tubing set



**M6-122**  
Console irrigation Rack



**M14-816**  
Spray oil



**M14-817**  
**M14-819**  
Spray nozzle

## HSM-2 BASIC SET



### M14-826 HSM-2 Basic Set

Set Content

|         |                              |
|---------|------------------------------|
| M14-405 | Power console                |
| M6-058  | Foot pedal                   |
| M14-311 | Pedal cable                  |
| M14-302 | HSM-2 motor handpiece        |
| M14-310 | Motor cable                  |
| M14-100 | Attachment, 95 mm            |
| M14-110 | Attachment, 115 mm           |
| M14-220 | Attachment, angled 160 mm    |
| M14-740 | Irrigation nozzle            |
| M14-743 | Irrigation nozzle            |
| M14-746 | Irrigation nozzle            |
| M14-760 | Bur guard                    |
| M14-412 | Bur, rosen                   |
| M14-452 | Bur, rosen                   |
| M14-492 | Bur, rosen                   |
| M14-330 | Craniotome                   |
| M14-346 | Pediatric guide, rotational  |
| M14-347 | Adult guide, rotational      |
| M14-342 | Guide, laminectomy           |
| M14-331 | Drill limit attachment       |
| M14-343 | Pediatric craniotome blade   |
| M14-344 | Adult craniotome blade       |
| M14-345 | Laminectomy craniotome blade |
| M14-352 | HSM-2 perforator motor       |
| 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                    |
| M14-817 | Spray nozzle, for attachment |
| M14-819 | Spray nozzle, for handpiece  |
| M6-121  | Tubing set                   |
| M6-122  | Console irrigation rack      |
| M14-821 | PPSU stand lid               |
| M14-822 | PPSU attachment stand        |
| M14-823 | PPSU perforator holder       |
| K6-252T | Sterilization container      |



**M14-405**  
Power console



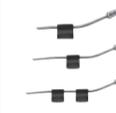
**M6-058**  
Foot pedal



**M14-311**  
Pedal cable



**M14-760**  
Bur guard



**M14-740**  
**M14-743**  
**M14-746**  
Irrigation nozzle



**M6-121**  
Tubing set



**M6-122**  
Console irrigation Rack



**M14-816**  
Spray oil



**M14-817**  
**M14-819**  
Spray nozzle

## ACCESSORIES



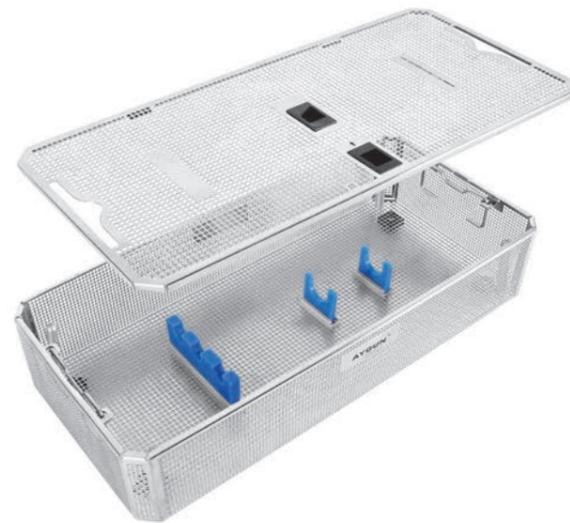
**M14-812**  
PPSU attachment stand



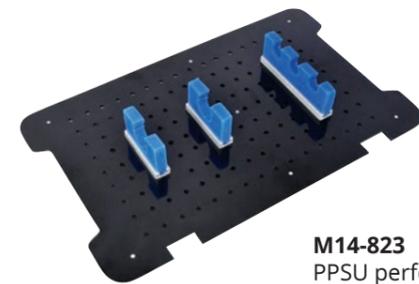
**M14-821**  
PPSU stand lid



**M14-822**  
PPSU attachment stand



**M14-813**  
Basket with silicone fixations  
540 x 253 x 113 mm



**M14-823**  
PPSU perforator holder



**K6-252T**  
Sterilization Container  
485 x 280 x 150 mm



**K6-022**  
Sterilization Container  
600 x 280 x 150 mm



**M14-817**  
Spray nozzle,  
for attachments



**M14-819**  
Spray nozzle,  
for motor handpiece



**M14-816**  
Spray oil

## CONTAINER SET FOR STERILIZATION



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

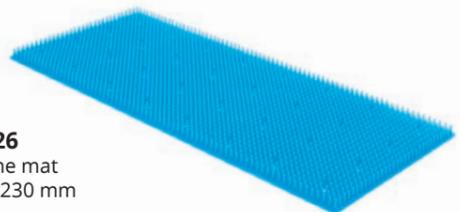
**K6-107**  
Container, non perforated  
600 x 272 x 138 mm



**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

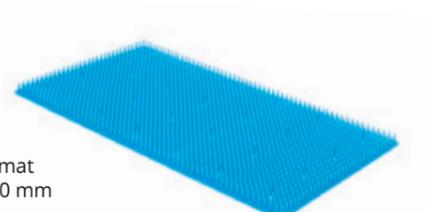
**K6-307**  
Container, non perforated  
475 x 272 x 138 mm



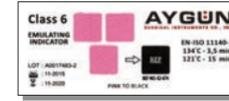
**K3-750**  
Basket made from  
stainless steel sheet (with  
stand)  
405 x 253 x 80 mm



**K2-1502**  
Wire basket  
405 x 250 x 70 mm



**K2-524**  
Silicone mat  
380 x 230 mm

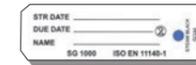


**K2-674**  
Class 6 Emulating Indicator Card  
1 Pack (250 pcs)



|                | code          | color  |
|----------------|---------------|--------|
| Basic Set      | <b>K2-700</b> | Red    |
| Thoracotomy    | <b>K2-701</b> | Blue   |
| Orthopedic Set | <b>K2-702</b> | Green  |
| Basic Set      | <b>K2-703</b> | Yellow |
| Laminectomy    | <b>K2-704</b> | Grey   |
| Neuro Surgery  | <b>K2-705</b> | 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)



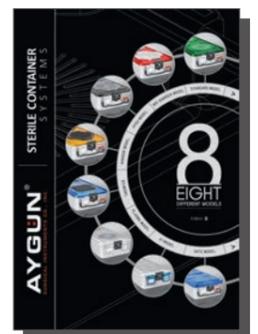
**K2-660** red  
Security seal  
100 pcs made of plastic



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



For more information and alternative please see  
our Sterilization Container System catalog.  
From our website [www.aygun.com](http://www.aygun.com)



New website, tens of high quality catalogues and thousands of products,



Standard Model



Bio-Barrier Model



High Performance Polymer PPSU Lids



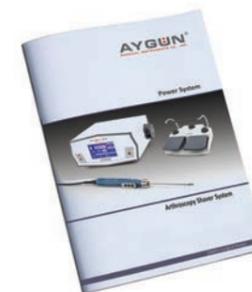
B3-PTFE - Valve - Bio-stop



Mini Bone



Mini Bone Monoblock



Arthroscopy Shaver System



Karinca 206



Karinca 208



Plasma Model



Window Model



A1 Model



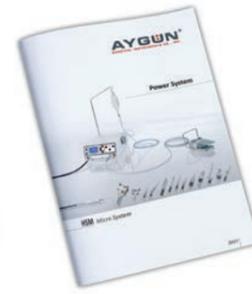
Dental, Mini Model



HSM-2 Neuro System



HSM Neuro System



HSM Micro System



Dermatome ST5



Dermatome



Praxis 3B



Praxis 3



Compact 2



Standard Macro



Standard Micro



Electro Pneumatic Surgical Motor



Macro Compact 2



Mini Compact



Mini Surgical Motor



NAP Neuro Air Power



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| M7-122  | 13    | M14-415 | 18    | M14-472 | 19   | M14-534 | 21   | M14-591 | 22   | M14-772 | 25    | M14-874 | 24   | M14-928 | 22 |
| M14-100 | 16,18 | M14-416 | 18    | M14-473 | 19   | M14-535 | 21   | M14-592 | 22   | M14-773 | 25    | M14-875 | 24   | M14-929 | 22 |
| M14-110 | 16,19 | M14-417 | 18    | M14-474 | 19   | M14-536 | 21   | M14-593 | 22   | M14-774 | 25    | M14-880 | 24   | M14-930 | 23 |
| M14-120 | 16,20 | M14-420 | 18    | M14-475 | 19   | M14-537 | 21   | M14-594 | 22   | M14-775 | 25    | M14-881 | 24   | M14-931 | 23 |
| M14-130 | 16,21 | M14-421 | 18    | M14-476 | 19   | M14-538 | 18   | M14-595 | 22   | M14-776 | 25    | M14-882 | 24   | M14-932 | 23 |
| M14-160 | 16,22 | M14-422 | 18    | M14-477 | 19   | M14-539 | 19   | M14-596 | 22   | M14-777 | 25    | M14-883 | 24   | M14-933 | 23 |
| M14-200 | 17,18 | M14-423 | 18    | M14-478 | 21   | M14-540 | 21   | M14-597 | 22   | M14-812 | 28    | M14-884 | 24   | M14-934 | 23 |
| M14-210 | 17,19 | M14-424 | 18    | M14-479 | 21   | M14-541 | 21   | M14-603 | 22   | M14-813 | 28    | M14-885 | 24   | M14-935 | 23 |
| M14-220 | 17,20 | M14-425 | 18    | M14-483 | 19   | M14-542 | 21   | M14-604 | 22   | M14-816 | 29    | M14-886 | 24   |         |    |
| M14-230 | 17,21 | M14-426 | 18    | M14-484 | 19   | M14-543 | 21   | M14-605 | 22   | M14-817 | 29    | M14-887 | 24   |         |    |
| M14-240 | 17,22 | M14-427 | 18    | M14-485 | 19   | M14-544 | 21   | M14-610 | 23   | M14-819 | 29    | M14-888 | 24   |         |    |
| M14-250 | 17,23 | M14-430 | 18    | M14-490 | 20   | M14-545 | 21   | M14-611 | 23   | M14-821 | 29    | M14-889 | 24   |         |    |
| M14-302 | 12    | M14-431 | 18    | M14-491 | 20   | M14-546 | 21   | M14-612 | 23   | M14-822 | 29    | M14-890 | 24   |         |    |
| M14-303 | 12    | M14-432 | 18    | M14-492 | 20   | M14-547 | 21   | M14-613 | 23   | M14-823 | 29    | M14-891 | 24   |         |    |
| M14-304 | 12    | M14-433 | 18    | M14-493 | 20   | M14-548 | 20   | M14-614 | 23   | M14-825 | 26    | M14-892 | 24   |         |    |

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