AYGUN®
SURGICAL INSTRUMENTS CO., INC.

Power System

DERMATOME & Skin Graft Mesher

BES Battery + Electro Surgical Motor Systems

2015

AYGUN®
SURGICAL INSTRUMENTS CO., INC.

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AYGUN®
SURGICAL INSTRUMENTS CO., INC.

AYGÜN, one of the leading establishment of Turkey in the medical industrial field, starting from neurosurgical field since 1988, at the end of its constantly R&D researches, has accomplished the production of instruments for all surgical branches. Along with meeting a large part of Turkey's requirements, it proves itself as an expert in the field with the products offered to the world market.

With present catalogues that include standard products and the special products formed on the request of the doctors including approximately 22.000 different types of instruments produced by AYGÜN. Besides being a manufacturer, it is also a designer firm.

Besides increasing its capacity, AYGÜN, in its new production plants constructed in the Organized Industrial Area of Samsun, aims to present the different models of products to the medical community.

ISO 13485:2003 CERTIFIED CE 1984 TÜRKAK ISO 9001:2008 CERTIFIED

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DERMATOME & Skin Graft Mesher

BES Battery + Electro Surgical Motor Systems

For Skin Transplantation

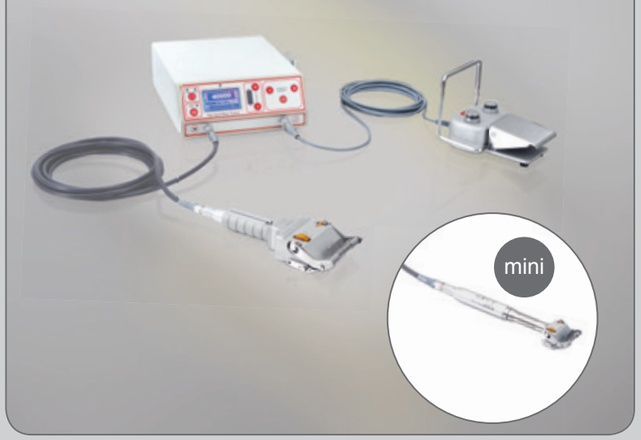
BATTERY POWERED

1 *M10-100 Dermatome handpiece*

2 *M14-1200 Dermatome Handpiece*

3 *M14-1100 Mini Dermatome Handpiece*

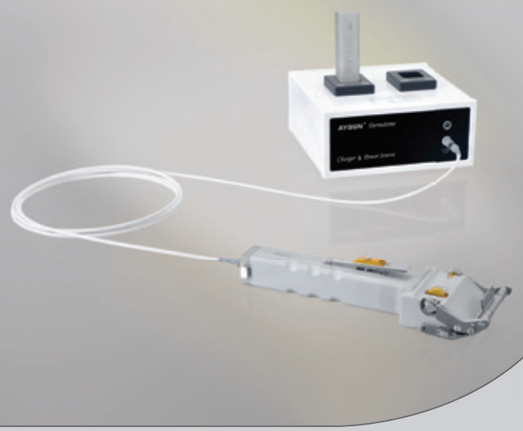
POWER CONSOLE USE



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.

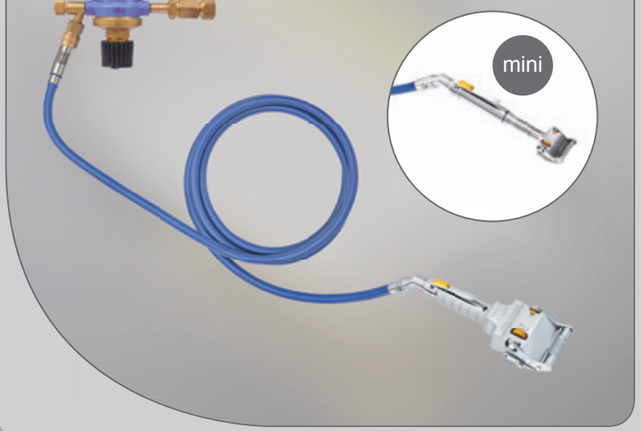
CORDED USE



SKIN GRAFT MESHER

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

PNEUMATIC USE



BES DERMATOME

For Skin Transplantation

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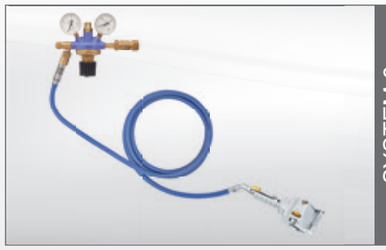

SYSTEM 6

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MINI DERMATOME PNEUMATIC USE

SYSTEM 7

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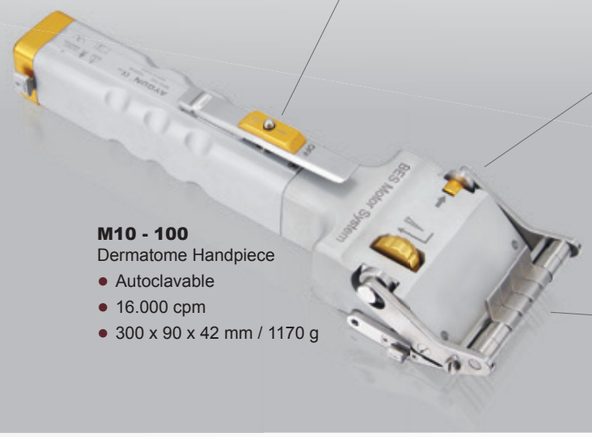
SKIN GRAFT MESHER

DERMATOME *For Skin Transplantation*

AYGUN® SURGICAL INSTRUMENTS CO., INC.

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*

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 - 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

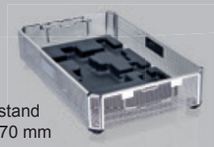
M10 - 101	Dermatome Battery Set
M10-100	*Dermatome Handpiece*
M10-102	*Rechargeable battery*
M10-103	*Charger Unit*
M10-104	*Battery loading case*
M7-105	*Spare blades x10 ea.*
K6-247B	*Sterile Container*
M10-130	*Basket with stand*
K2-740	*Paper filter x100 pcs*
K2-660	*Security seal x100 pcs*
K2-672	*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 isertion is avoided.*
- *Cutting speed can be adjusted by only one finger.*
- *Safe lock mechanism prevents from unwanted operation of the motor.*

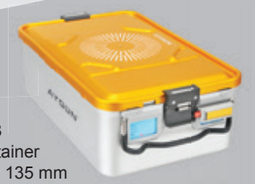
SET FOR STERILIZATION

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

M10 - 130
Basket with stand
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.

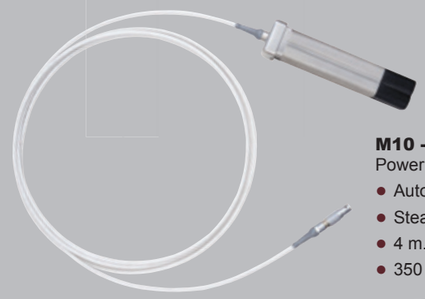
K2 - 672
Labels, paper x 100 pcs
With indicator.

K2 - 660
Security seal made of
plastic 100 pcs

DERMATOME *For Skin Transplantation*

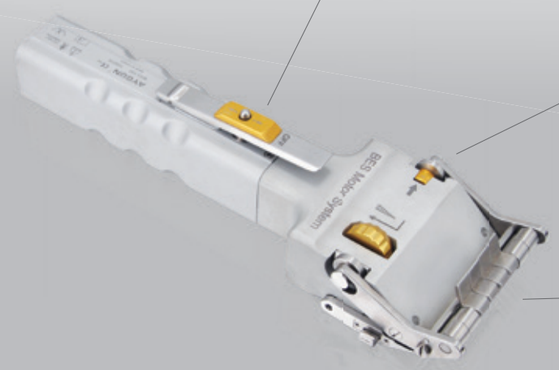
AYGUN® SURGICAL INSTRUMENTS CO., INC.

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



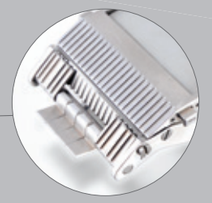
M10 - 113
Power cord for direct corded use
- Autoclavable,
- Steam sterilisable at 2 bar 134° C
- 4 m. cable length
- 350 g

Cutting speed adjust button with safe lock.



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

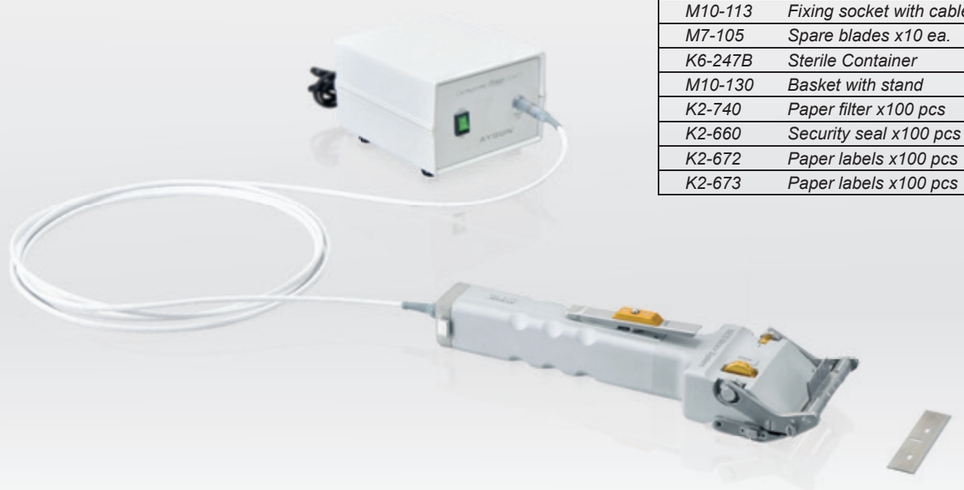
Dermatome Cutting Thickness		
level	mm	inch
1	*0.17*	*0.006*
2	*0.34*	*0.013*
3	*0.51*	*0.020*
4	*0.68*	*0.026*
5	*0.85*	*0.033*
6	*1.02*	*0.040*
7	*1.19*	*0.046*



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.

M10 - 130
Basket with stand
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

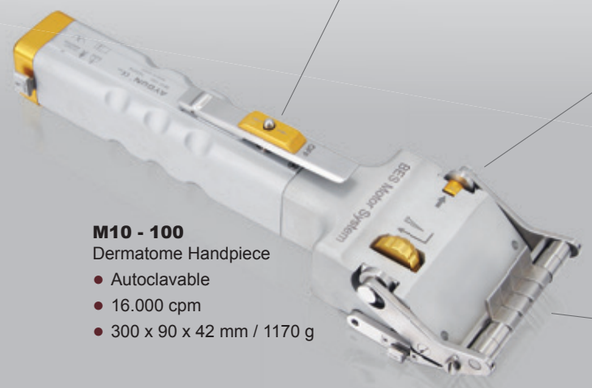
DERMATOME *For Skin Transplantation*

AYGUN®
SURGICAL INSTRUMENTS CO., INC.

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

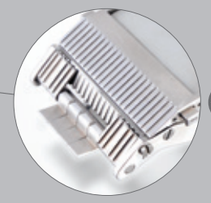
Cutting speed adjust button with safe lock.



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*



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 - 102
Rechargeable Ni-MH battery

- Not autoclavable
- Battery capacity: 1.6 Ah
- Voltage: 9.6 Volts
- 136 x 32 x 32 mm / 270 g

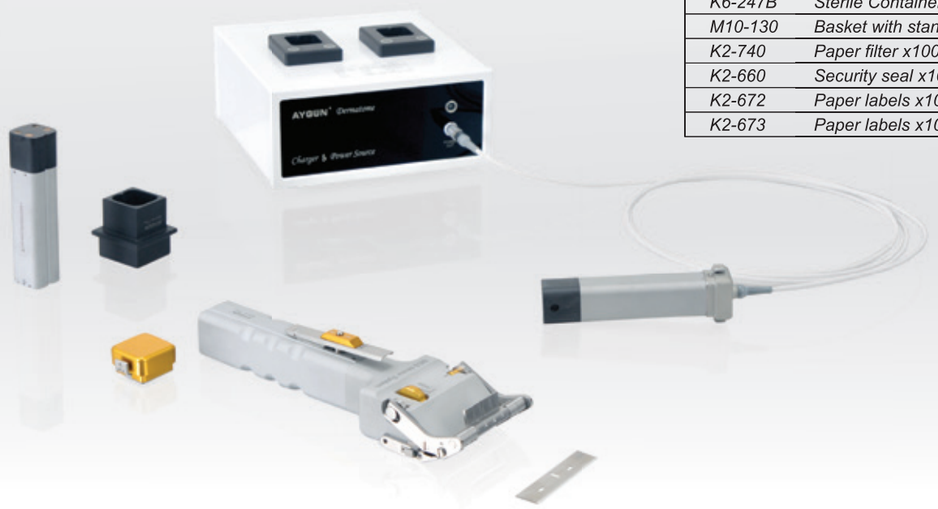
M10 - 104
Autoclavable sterile funnel for aseptic battery loading

- 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

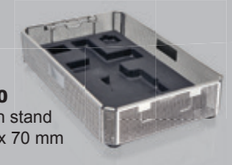
M10 - 121	Dermatome Battery Set
M10-100	*Dermatome Handpiece*
M10-102	*Rechargeable battery*
M10-105	*Charger Unit*
M10-104	*Battery loading case*
M10-113	*Fixing socket with cable*
M7-105	*Spare blades x10 ea.*
K6-247B	*Sterile Container*
M10-130	*Basket with stand*
K2-740	*Paper filter x100 pcs*
K2-660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



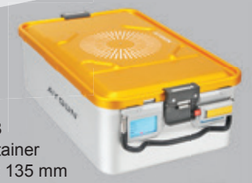
SET FOR STERILIZATION

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

M10 - 130
Basket with stand
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.

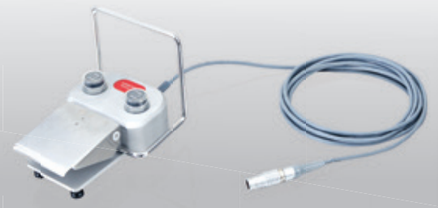
K2 - 672
Labels, paper x 100 pcs
With indicator.

K2 - 660
Security seal made of plastic 100 pcs

DERMATOME *For Skin Transplantation*

AYGUN® SURGICAL INSTRUMENTS CO., INC.

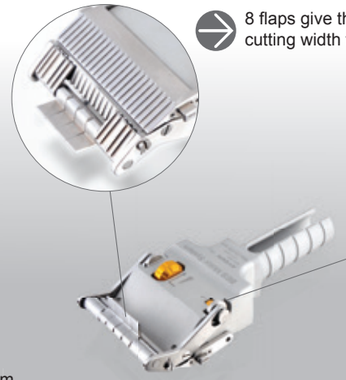
M14 - 700
Power console
- Operating Speed: 40.000 rpm (Adjustable Maximum Speed)
- Operating Voltage: 200-240 V
- Power: 260 W
- Irrigation Flow Rate: 100 ml/min (Adjustable Maximum Flow Rate)
- Frequency : 50-60 Hz
- Dimensions: 350x280x110 mm
- Weight : 5.060 kg



M6 - 054
Foot pedal, with irrigation and F/R butons
- Cable Length: 4 m
- Dimensions: 200x155x150 mm
- Weight: 1.560 kg

M14 - 310
Motor Cable
- Autoclavable
- Dimensions: 4 m
- Weight: 490 g

M14 - 800
Swiss Made
Powerful Brushless
DC Motor Technology
- Autoclavable
- Operating Speed: 40.000 rpm (Adjustable Maximum Speed)
- Power: 150 W
- Dimensions: 130x22 mm
- Weight: 0.160 kg



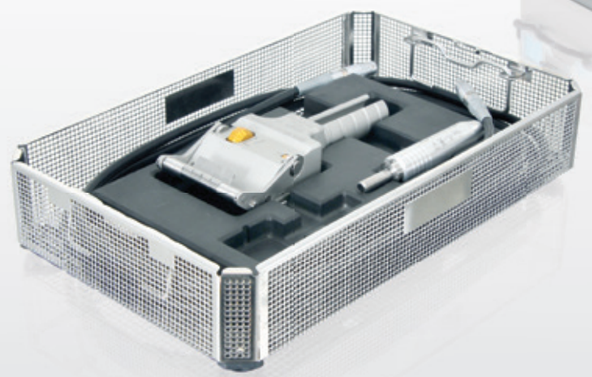
8 flaps give the ability to adjust cutting width from 9.75 mm to 78 mm.

M14 - 1200
Dermatome 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	Dermatome Electro Set
M14-1200	*Dermatome 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*



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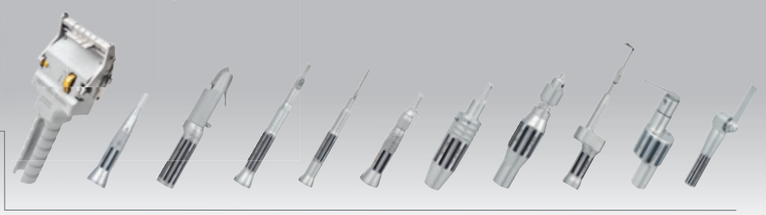


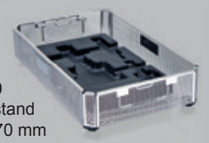
Standard MICRO ELECTRO

SET FOR STERILIZATION

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

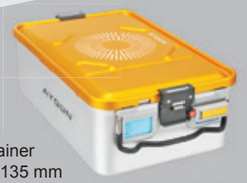
K2 - 673
Labels, paper x 100 pcs
With indicator.

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

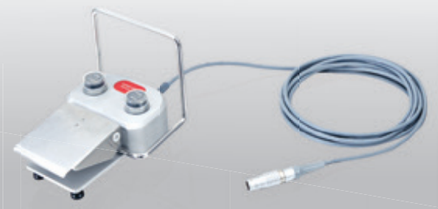


K2 - 660
Security seal made of plastic 100 pcs

DERMATOME *For Skin Transplantation*

AYGUN® SURGICAL INSTRUMENTS CO., INC.

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: 350x280x110 mm
- Weight : 5.060 kg



M6 - 054
Foot pedal, with irrigation and F/R butons
- Cable Length: 4 m
- Dimensions: 200x155x150 mm
- Weight: 1.560 kg

M14 - 310
Motor Cable
- Autoclavable
- Dimensions: 4 m
- Weight: 490 g

M14 - 800
Swiss Made
Powerful Brushless
DC Motor Technology
- Autoclavable
- Operating Speed: 40.000 rpm (Adjustable Maximum Speed)
- Power: 150 W
- Dimensions: 130x22 mm
- Weight: 0.160 kg

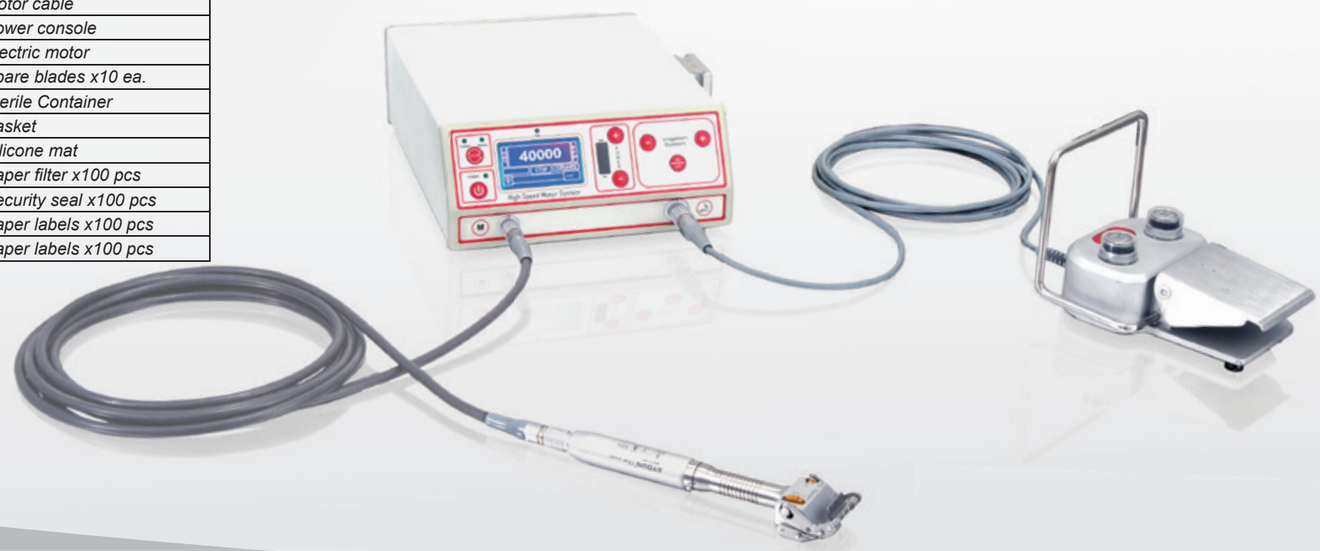
5 flaps give the ability to adjust cutting width from 8 mm to 40 mm.

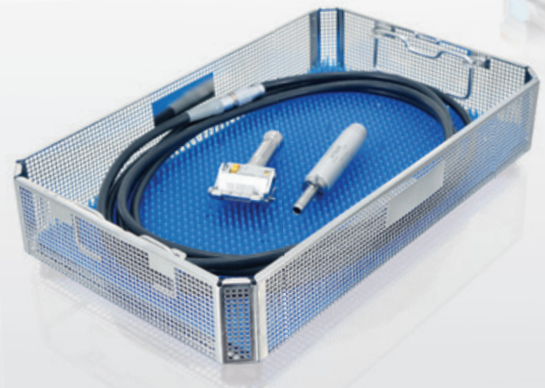
M14 - 1100
Mini Dermatome Handpiece
(With M14-800 max: 20.000 rpm)
- Autoclavable
- 110 x 50 x 27 mm / 180 g

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*

M14 - 1105
Spare blades
One side cutting only.
stainless steel
- 10 ea.
- 43 x 9 x 0,40 mm

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*

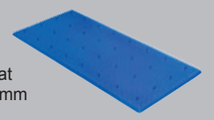




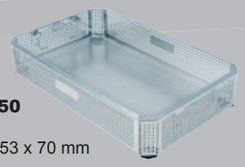
Optional attachment for SET

Standard MICRO ELECTRO

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.

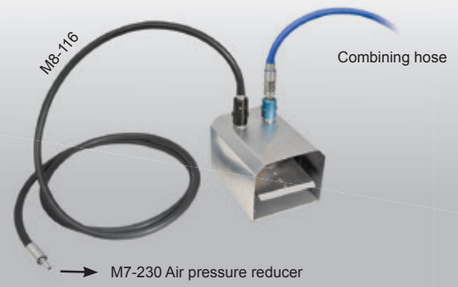
K2 - 660
Security seal made of plastic 100 pcs

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

DERMATOME *For Skin Transplantation*

AYGUN® SURGICAL INSTRUMENTS CO., INC.

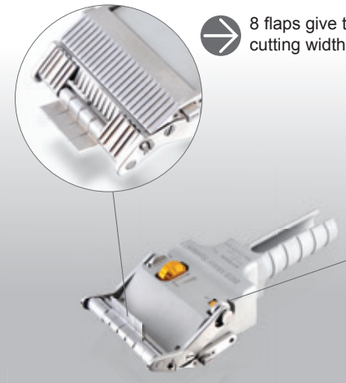
M7 - 230
Air pressure reducer
- 200 x 250 x 77 mm / 2150 g



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

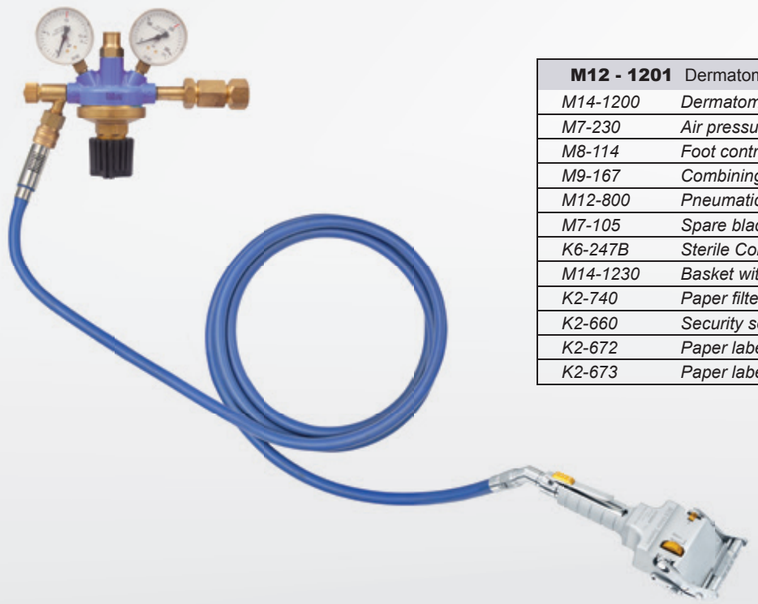


8 flaps give the ability to adjust cutting width from 9.75 mm to 78 mm.

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

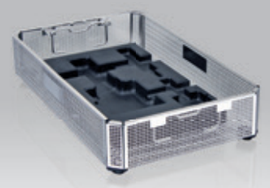
Dermatome Cutting Thickness		
level	mm	inch
1	*0.17*	*0.006*
2	*0.34*	*0.013*
3	*0.51*	*0.020*
4	*0.68*	*0.026*
5	*0.85*	*0.033*
6	*1.02*	*0.040*
7	*1.19*	*0.046*

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

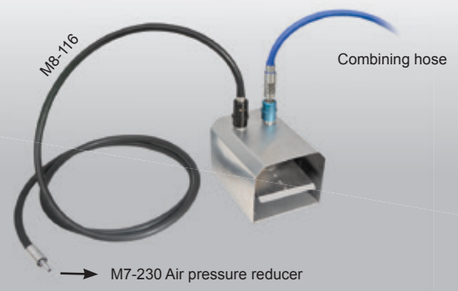
K2 - 672
Labels, paper x 100 pcs
With indicator.

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

DERMATOME *For Skin Transplantation*

AYGUN® SURGICAL INSTRUMENTS CO., INC.

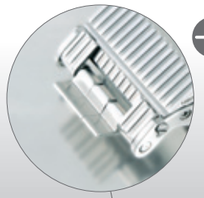
M7 - 230
Air pressure reducer
- 200 x 250 x 77 mm / 2150 g



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

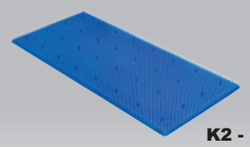
Dermatome Cutting Thickness		
level	mm	inch
1	*0.17*	*0.006*
2	*0.34*	*0.013*
3	*0.51*	*0.020*
4	*0.68*	*0.026*
5	*0.85*	*0.033*
6	*1.02*	*0.040*

M14 - 1105
Spare blades
One side cutting only.
stainless steel
- 10 ea.
- 43 x 9 x 0,40 mm

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*

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

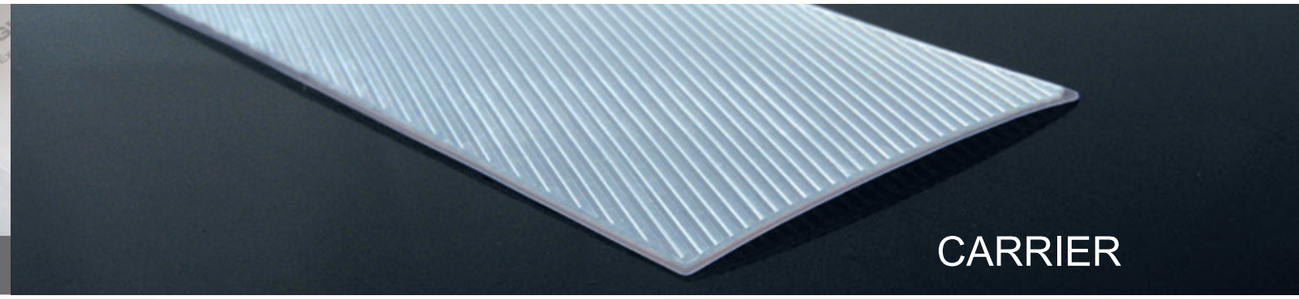
K2 - 672
Labels, paper x 100 pcs
With indicator.

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

DERMATOME *For Skin Transplantation*

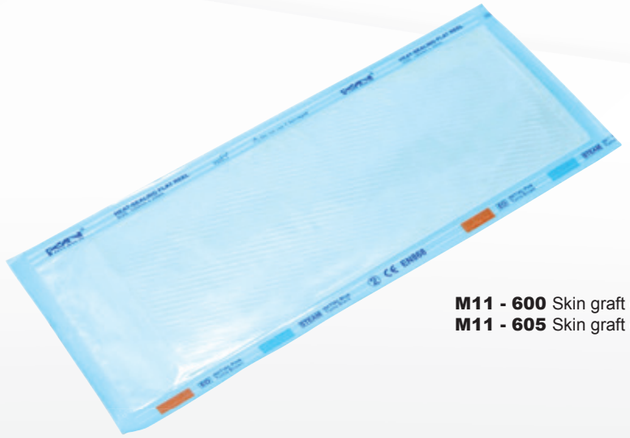
AYGUN® SURGICAL INSTRUMENTS CO., INC.

■ *Guides for Graft Carrier* ■ *Ratchet Handle for Easy Operation* ■ *Graft Thickness Adjustment (0-1,5 mm)*

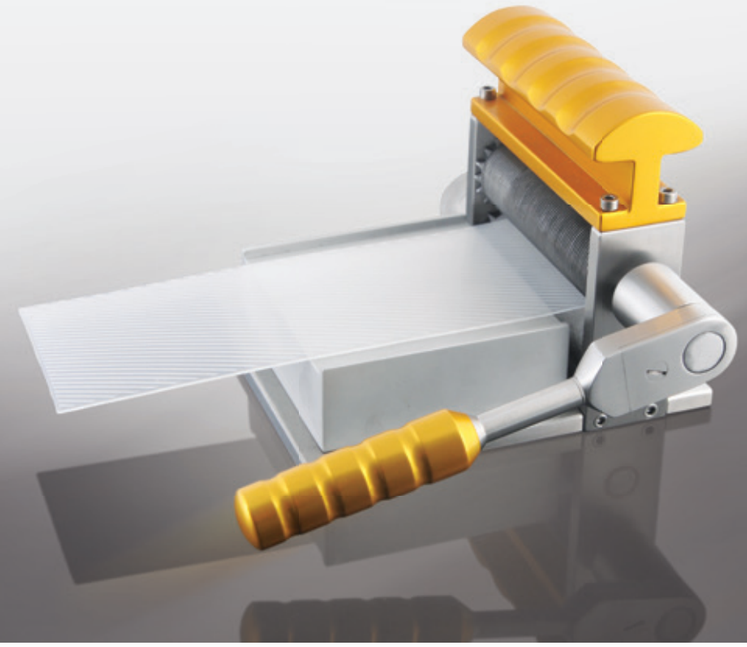


CARRIER

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



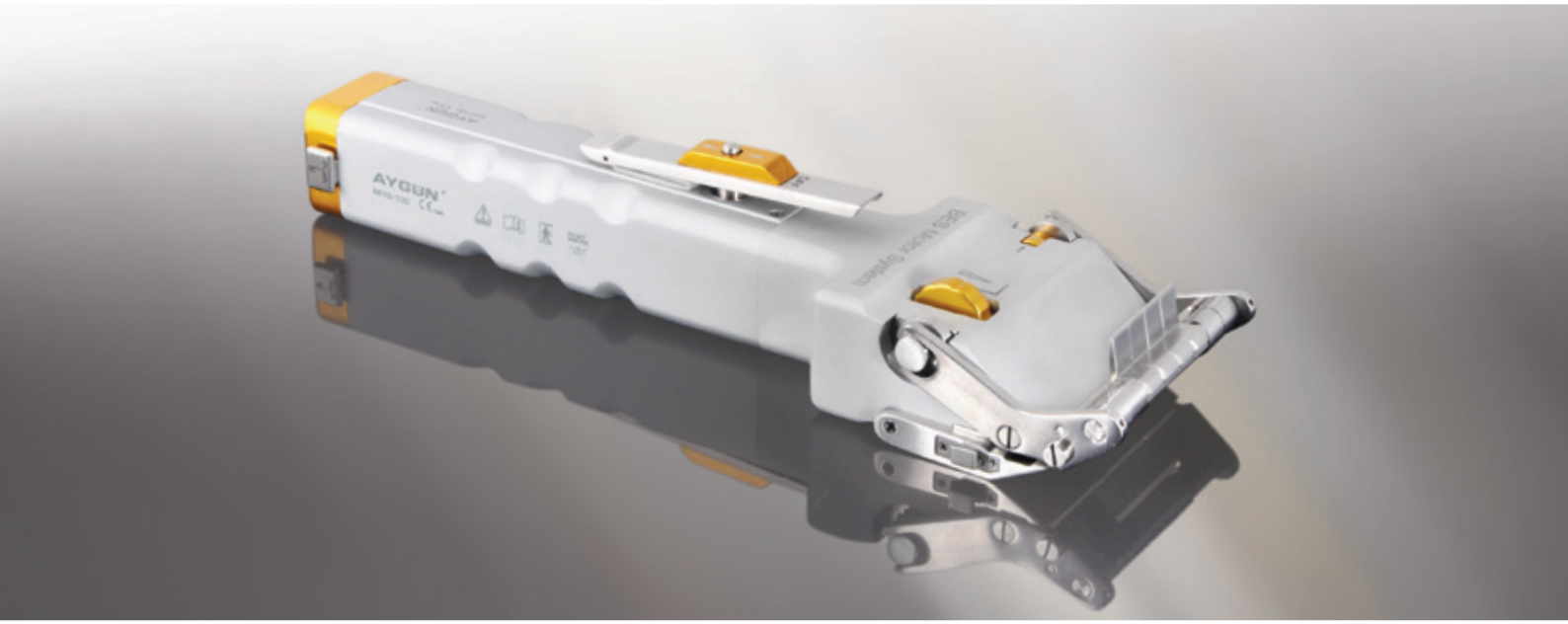
M11 - 600 Skin graft carrier > 1,5:1 (Box of 20)
M11 - 605 Skin graft carrier > 3:1 (Box of 20)



- *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.*

DERMATOME & Skin Graft Mesher

BES Battery + Electro Surgical Motor Systems



2015

Meeting Point For Surgery

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