



POWER SYSTEMS

# AESCULAP® ELAN 4

PRECISION. PERFORMANCE. PLEASURE.

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PRECISION. PERFORMANCE. PLEASURE.

Engineered in Germany.

As a surgeon you do the best job possible in order to restore your patients' quality of life, maintain their health or even save their lives, regardless of the constant pressure you are exposed to.

This responsibility made you a real perfectionist.

Peak performance, high precision and reliability are the claims you place upon yourself and anything that surrounds you. Because products that embody these values, support you in achieving your most ambitious goals.

Why should you accept compromises?



# AT WORK



*PRECISION*



*PERFORMANCE*



*PLEASURE*

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Why did you choose the timepiece you are wearing? Because it is an artwork of accuracy, capturing value and eternal reliability? Do you appreciate how virtuously it is manufactured, even in the minutest detail? Did it become a part of you, hardly perceptible?

ELAN 4 aims to be the same – to meet the high demands in terms of precision, reliability and usability.

Will it convince you?



# ERGONOMICS



## INNOVATIVE GERMAN ENGINEERING:

- › New positioning of the motor before the angle, meaning there is no need for an angle gear or a motor coupling.

## RESULT:

- › no couplings needed
- › handpieces become shorter and lighter
- › the angle does not get hot
- › sits comfortably in the hand
- › can be held more reliable and comfortably\*

## BENEFITS:

*high-precision, convenient  
and reliable grip*

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What are the features you decide upon when buying a car? Certainly you require reliability and enough horsepower. A car needs to accelerate quickly when required, it needs to cruise smoothly on long journeys and has to take you to your destination quickly and safely.

Power and reliability. This is what you can expect of ELAN 4, too. ELAN 4 is our answer to raise the bar in terms of overall performance.

Get the speed you need.

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# HIGH-SPEED



## INNOVATIVE GERMAN ENGINEERING:

- › integrated motors
- › on/off function integrated into the cable or hose to the motor coupling

## RESULT:

- The rotation speed is directly transferred, resulting in
- › very smooth running
  - › no loss of power
  - › high reliability
  - › compact construction – no extra switch

## BENEFITS:

*quick, powerful and reliable work*

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In our high-tech world, simplicity is a luxury – “ease of use” and “joy of use” are almost synonyms. It’s more fun when things just work intuitively, without the need for headscratching or guesswork. Just like a smart phone: you simply need to follow your intuition. The apps you prefer are clearly arranged on the home screen. Personalized technology.

The same is true of the ELAN 4. You can select the motor drive type you are used to. The systems are straightforward and operation is self-explanatory. The couplings work according to the plug and play principle and the burrs fit every length of handpiece. Work will be easier and finally: even more joyful.

A new experience.





# TWO SYSTEMS



## INNOVATIVE GERMAN ENGINEERING:

- › all couplings are plug and play compatible
- › standardised burr lengths and clear coding of burrs
- › all operating elements are marked gold

## RESULT:

- › easy to use
- › streamlined surgical set with fewer components
- › handpiece will always contain the correct motor
- › self-explanatory
- › all types and sizes of burrs are available for all handpiece lengths

## BENEFITS:

*The system is a joy to work with because it is set up clearly and simply. Fewer components and a universal burr length offer savings potentials.*

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## > GA800

ELAN 4 electro  
control unit



## > TE730 5 m > TE780 1.5 m

Power cord Europe



## > GA808

Foot control



## > GA810

Wireless foot control



## > GA806

GB073R

Motor cable



## > GA804

GB073R

Motor cable with  
hand switch



## > GA805

GB073R

Motor cable with  
hand control



> GA822

GB076R

Perforator driver  
with Hudson coupling



> GA849

GB085R

Craniotome and  
multifunction  
handpiece (2-ring)



> GA824

GB077R

Low speed motor  
with Intra coupling

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➤ **GA861**

GB083R

Handpiece  
standard  
(1-ring) L4

➤ **GA862**

GB083R

Handpiece  
standard  
(1-ring) L7

➤ **GA863**

GB083R

Handpiece  
standard  
(1-ring) L10

➤ **GA864**

GB083R

Handpiece  
standard  
(1-ring) L13



› GA865

GB083R

Handpiece heavy duty (2-ring) L7



› GA866

GB083R

Handpiece heavy duty (2-ring) L10



› GA867

GB083R

Handpiece heavy duty (2-ring) L13



› GA868

GB083R

Handpiece heavy duty (2-ring) L17



› GA869

GB083R

Handpiece heavy duty (2-ring) L22

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➤ GA860

GB084R

MIS handpiece

1/2



1/2

➤ GB920R

GB723R

MIS handpiece  
shaft, straight  
L10



1/2

➤ GB921R

GB723R

MIS handpiece  
shaft, curved  
L10



1/2

➤ GB922R

GB723R

MIS handpiece  
shaved, heavy  
curved  
L10



1/2

➤ GB925R

GB723R

MIS handpiece  
shaft, straight  
L13



1/2

➤ GB926R

GB723R

MIS handpiece  
shaft, curved  
L13



1/2

➤ GB927R

GB723R

MIS handpiece  
shaved, heavy  
curved  
L13



➤ **GA836**

GB086R

Micro sagittal  
saw



➤ **GA837**

GB087R

Micro recipro-  
cating saw



➤ **GA831**

GB088R

Sagittal saw



➤ **GA832**

GB087R

Reciprocating  
saw



➤ **GA833**

GB087R

Transversal saw to  
be used with shafts  
GP580R, GP582R,  
GP586R, GP590R

# AESCULAP® ELAN 4 ACCESSORIES

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➤ **GB861P**

GB727R

Length reduction sleeve for 1-ring handpieces



➤ **GB863P**

GB727R

Length reduction sleeve for 2-ring handpieces



➤ **GB862P**

GB727R

MIS sleeve for 1-ring handpieces



➤ **GB941R**

GB719R

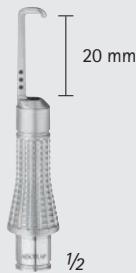
Fixed dura guard pediatric



➤ **GB942R**

GB719R

Fixed dura guard standard



➤ **GB943R**

GB719R

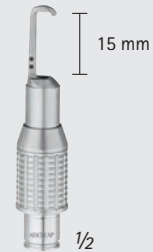
Fixed dura guard long



➤ **GB945R**

GB719R

Holding sleeve for craniotome and multifunction handpiece



➤ **GB947R**

GB719R

Turnable dura guard standard





### > GA395SU

②  sterile

Disposable tube set  
for irrigation pump



### > Disposable spray nozzles for ELAN 4

②  sterile

GA258SU for saws  
 GA259SU for cranitome attachments  
 GA261SU for 1-ring handpiece L4  
 GA262SU for 1-ring handpiece L7  
 GA263SU for 1-ring handpiece L10  
 GA264SU for 1-ring handpiece L13  
 GA265SU for 2-ring handpiece L7  
 GA266SU for 2-ring handpiece L10  
 GA267SU for 2-ring handpiece L13  
 GA268SU for 2-ring handpiece L17  
 GA269SU for 2-ring handpiece L22  
 GB796SU for MIS handpiece shaft L10  
 GB797SU for MIS handpiece shaft L13



### > GB866R

Lateral burr guard  
for 1-ring handpiece  
and a maximum burr  
diameter of 4.5 mm

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➤ GA844

GB482R

Drill



➤ GB870R

GB716R

Intramedullary reamer  
attachment Jacobs chuck  
0.5 - 7.4 mm



➤ GB871R

GB716R

Intramedullary reamer  
attachment  
large AO chuck



➤ GB872R

GB716R

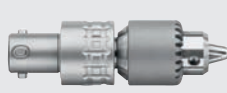
Intramedullary reamer  
attachment Hudson/  
Zimmer chuck



➤ GB881R

GB716R

Drill attachment  
Jacobs chuck  
0.5 - 7.4 mm



➤ GB882R

GB716R

Drill attachment  
small Jacobs chuck  
0.5 - 4 mm



➤ GB884R

GB716R

Drill attachment  
small AO chuck



➤ GB886R

GB716R

Drill attachment  
AESCULAP®  
hexagonal chuck



➤ GB887R

GB716R

Drill attachment  
dental shank



› **GB891R**

GB716R

Sagittal saw attachment



› **GB892R**

GB716R

Reciprocating saw attachment



› **GB878R**

GB716R

Adaptor for Synthes radiolucent drive 511.300



› **GB894R**

GB716R

K-wire attachment for K-wires from 0.6-3.2 mm



› **GB896R**

GB716R

Screw attachment small AO chuck



› **GB897R**

GB716R

Screw attachment AESCULAP® hexagonal chuck

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## ENGINEERING EXPERTISE

ELAN 4 is produced using state-of-the-art manufacturing technology in Tuttlingen, Germany, at the Aesculap AG Innovation Factory, which was specifically built to produce motor and sterile container systems.

## SIMPLE HANDLING

The clear and simple system set-up is a joy to work with. Every hand-piece always contains the correct motor, reducing the risk of errors.

## MODERN HYGIENE MANAGEMENT

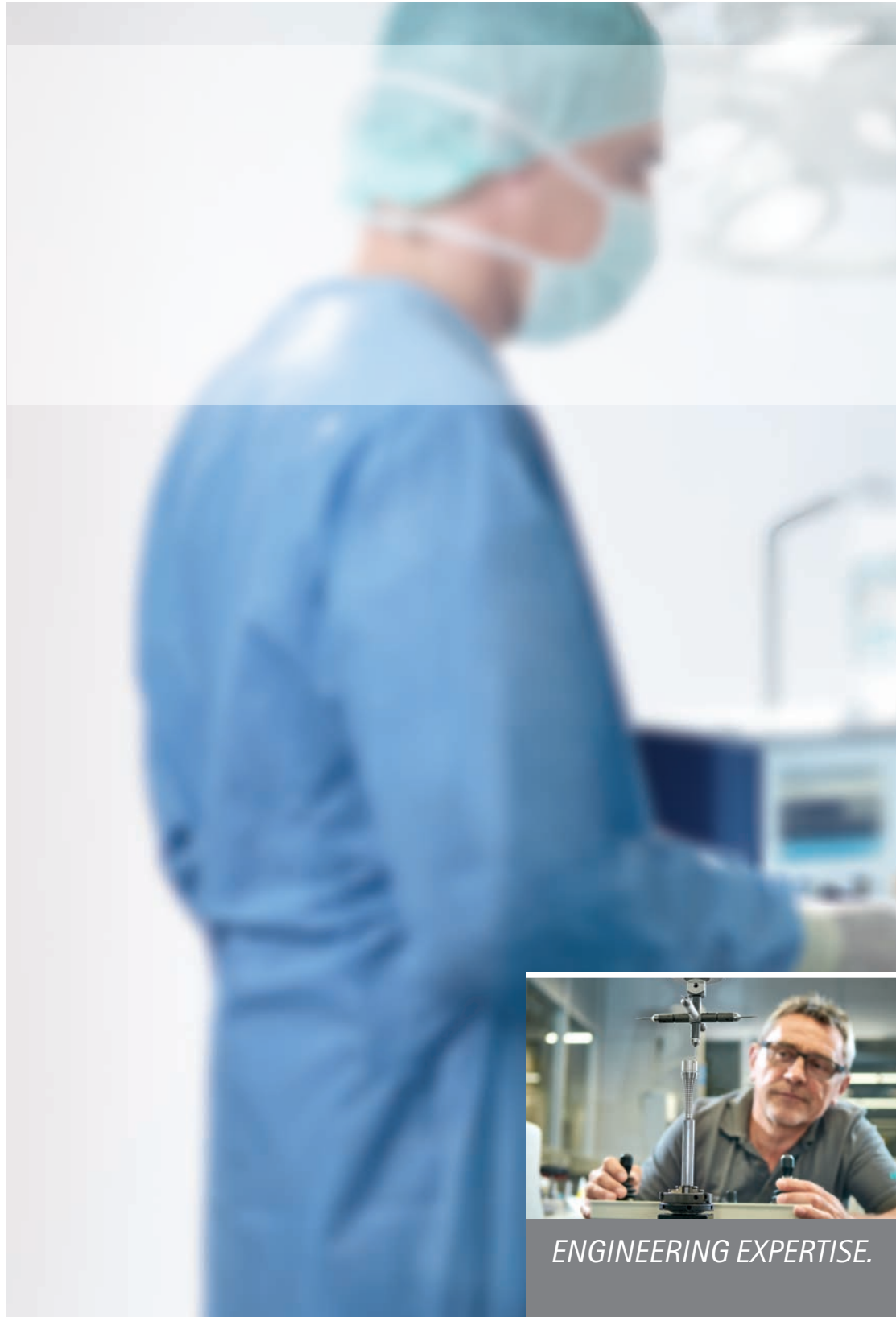
ELAN 4 meets the increasingly strict requirements and sets standards for the sterile processing of motor systems.

## FEATURES ECONOMIC ADVANTAGES

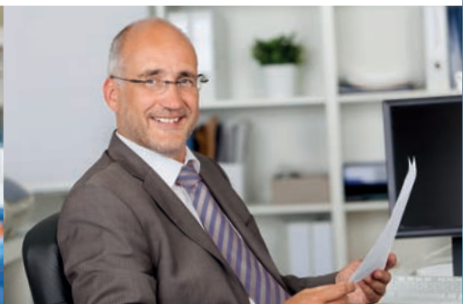
The streamlined surgical set and the universal burr length help reducing inventory. As a result, there is a considerable saving potential.

## AN EXPERIENCE

Powerful and smooth-running, it operates with high precision. Thanks to its ergonomic design, it lies comfortably in your hand.



*ENGINEERING EXPERTISE.*



*SIMPLE HANDLING.*

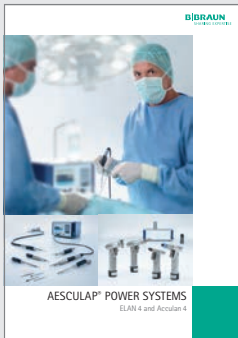
*MODERN HYGIENE  
MANAGEMENT.*

*FEATURES ECONOMIC  
ADVANTAGES.*

# BROCHURES

## Main Catalogues

### 084002 Power Systems

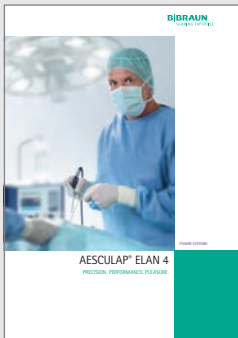


### 017599 Burs & Blades



## ELAN 4

### 071602 ELAN 4



### 071511 Mechanical Cleaning



### 012002 Manual Cleaning



# NOTES

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# AESCULAP® – a B. Braun brand

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Manufacturer acc. to MDD 93/42/EEC

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