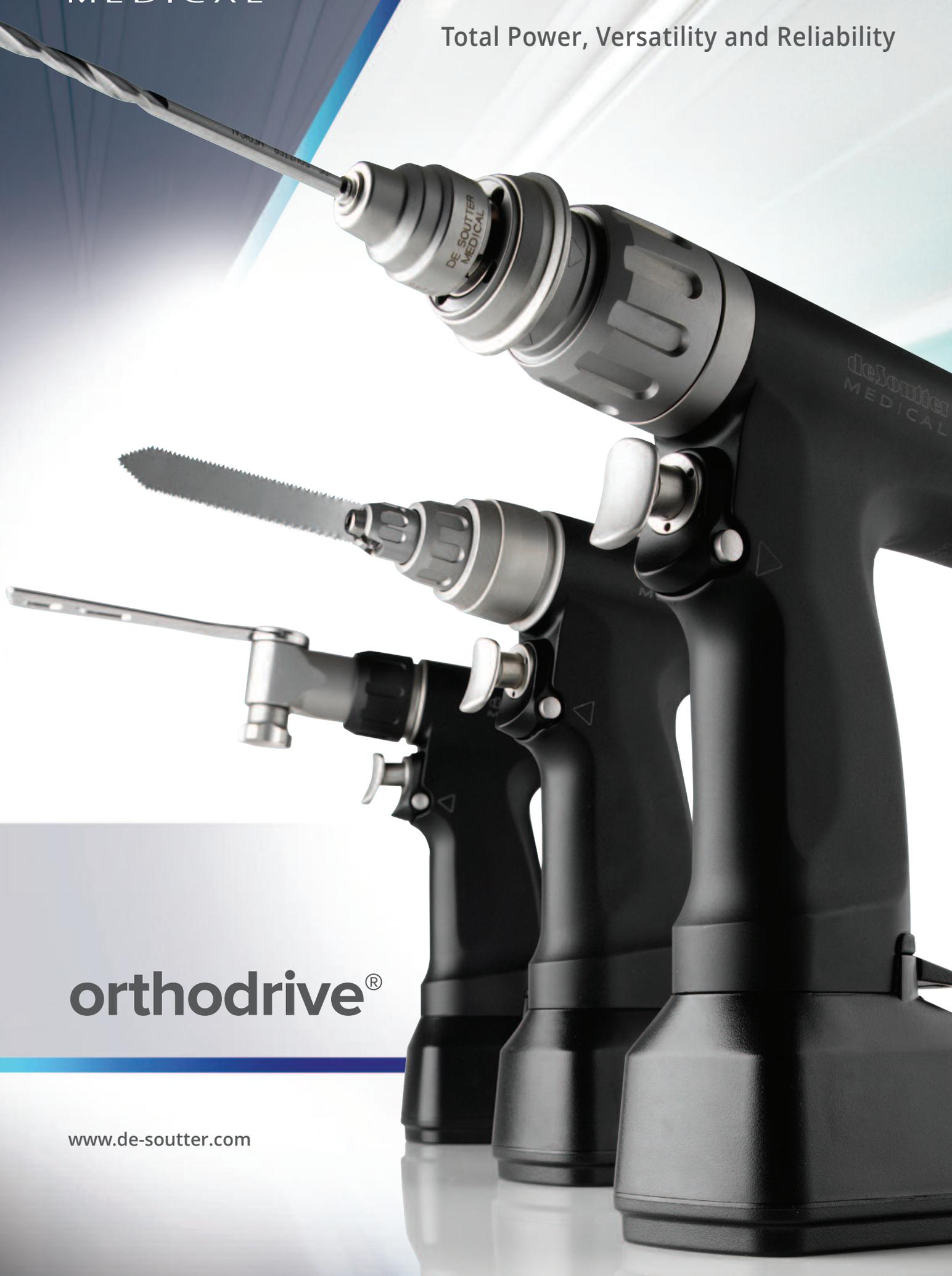


deSoutter
MEDICAL

Total Power, Versatility and Reliability



orthodrive®

www.de-soutter.com



High performance 275W motor offers unrivalled large bone reaming and sawing capability

The new **orthodrive**[®] system is the latest innovation in high performance large bone power tools from De Soutter Medical. The MBQ high torque rotary handpiece provides the surgeon with ample power even for the most demanding acetabular reaming procedures. The new drill/ream handpiece produces 20% more reaming torque and the powerful dedicated sagittal saw cuts through the hardest of bone with ease and precision.

POWER

- Through continual engineering refinements, including our fourth generation hybrid motor controller and intelligent battery charging technology, we have increased power by a further 20%
- Li-Ion battery technology assures class leading power to weight ratio.

VERSATILITY

- Exceptional system versatility. 15 different rotary attachments, plus 4 different function attachments, including: reciprocating and mini sagittal saws, wire/pin driver and a unique pulse lavage system.
- In-built, quick change drill/ream gearbox eliminates dedicated reaming attachments, reducing cost and weight.
- Optional twin trigger rotary handpiece with instant forward, reverse and unique oscillating drill/tap modes.

RELIABILITY

- Proven system reliability enhanced through continuous engineering developments, including a hermetically sealed hybrid motor controller and unique intelligent battery charging technology.
- New high performance surface finish protects against the most aggressive detergents whilst offering a highly scratch resistant barrier.

Whether your preference is for battery - either aseptic or sterile - or indeed corded power, the **orthodrive**[®] system provides total OR flexibility.





MBQ-701
Double trigger
handpiece
fitted with reamer
attachment

MBQ-700
Single trigger
handpiece
fitted with
A.O. drill chuck

See pages 6 and 7 for drilling, reaming, sawing, wire driving and pulse lavage attachment options.

| | Model | Order code | Drilling speed | Reaming speed | Maximum reaming torque | Cannulation |
|---|---------|------------|----------------|---------------|------------------------|-------------|
|  | MBQ-700 | 1289774 | 0 - 1350 rpm | 0 - 300 rpm | 19 Nm | Ø 4.4 mm |
|  | MBQ-701 | 1289884 | 0 - 1350 rpm | 0 - 300 rpm | 19 Nm | Ø 4.4 mm |

DB DEDICATED ELECTRIC SAW SYSTEM



DBC-700
Reciprocating saw
*shown with sterile
 Li-Ion battery*

DBK-701
Sagittal saw
*shown with aseptic
 Li-Ion housing and
 battery*

*Ask for Stericut®
 catalogue
 for range of sterile
 packed saw blades.*

| | Saw Type | Model | Order code | High speed |
|---|----------------|---------|------------|---------------|
|  | Reciprocating | DBC-700 | 1290444 | 0 - 13500 cpm |
|  | Sagittal (S89) | DBK-701 | 1290004 | 0 - 13500 cpm |
|  | Sagittal (S87) | DBK-700 | 1289994 | 0 - 13500 cpm |

“ECO friendly”



P20-700
Pump kit attached to MBQ-700 handpiece.

ECO Pulse pump kits simply “click” into any MBQ rotary handpiece

Up to 60% less clinical waste, helping to conserve valuable hospital storage by up to 50%.

PERFORMANCE

Flow rate: variable 0 - 1.10 litres/min* Pulse rate: variable 0 - 1300 pulses/min*

* Performance figures dependent on battery type.

NOZZLES

| Type | Length | Order code | |
|--|--------|------------|---|
| Soft tissue less suction | 10 cm | P20-120 |  |
| Soft tissue with suction | 10 cm | P20-121 |  |
| Bone cleaning with suction | 10 cm | P20-125 |  |
| Femoral canal less suction | 25 cm | P20-122 |  |
| Femoral canal with suction | 25 cm | P20-123 |  |
| Femoral canal (high capacity) with suction | 25 cm | P20-126 |  |
| Femoral brush with suction | 25 cm | P20-124 |  |



PUMP KITS



| Type | Order code | Supplied nozzles |
|--|------------|------------------|
| General purpose with suction | P20-700 | P20-121 |
| Hip arthroplasty with suction | P20-701 | P20-121/P20-123 |
| Hip arthroplasty brush with suction | P20-702 | P20-124 |
| General purpose without suction | P20-703 | P20-120 |
| Hip arthroplasty without suction | P20-704 | P20-120/P20-122 |
| Bone cleaning (high pressure) with suction | P20-705 | P20-125 |
| Bone cleaning (high pressure) without suction | P20-706 | P20-125 |
| Hip arthroplasty (high pressure) with suction | P20-707 | P20-125/P20-123 |
| Hip arthroplasty (high pressure) without suction | P20-708 | P20-125/P20-122 |

All pump kits are supplied with nozzles and 3 metres of tubing. Suction tubing is supplied with all suction types. All sterile packed pump kits and individual nozzles are supplied 5 per box.

MBQ DRIVES AND ATTACHMENTS

| | Order code | Model | Chuck description | Final drive speed | Cannulation Ø mm |
|--|------------|-------|-------------------|-------------------|------------------|
|--|------------|-------|-------------------|-------------------|------------------|

DRILLING AND REAMING ADAPTORS

| | | | | | |
|---|-------|---|-----------------------------|--------------|-----|
|  | 15360 | - | 0.5 - 4.0 mm (5/32") keyed | As handpiece | 3.1 |
| | 15370 | - | 0.5 - 7.4 mm (1/4") keyed | As handpiece | 4.4 |
|  | 15380 | - | 0.3 - 3.0 mm (1/8") keyless | As handpiece | 3.1 |
| | 15390 | - | 0.3 - 7.4 mm (1/4") keyless | As handpiece | 4.4 |
|  | 15480 | - | Small A.O. Synthes/ASIF | As handpiece | 2.0 |
|  | 15490 | - | Large A.O. Synthes/Protec | As handpiece | 4.4 |
| | 15530 | - | Hudson | As handpiece | 4.4 |
| | 15540 | - | Trinkle | As handpiece | 4.4 |
| | 15460 | - | Zimmer | As handpiece | 4.4 |
|  | 15470 | - | Hudson/Zimmer combi | As handpiece | 4.4 |
| | 17130 | - | Harris | As handpiece | 4.4 |
|  | 15500 | - | DHS | As handpiece | 4.4 |
| | 18190 | - | Stryker Triathlon® | As handpiece | - |
| | 17930 | - | Aesculap Taragon TX | As handpiece | - |

SAWING ATTACHMENTS

| | | | | | |
|---|-------|--------|--|---------------|---|
|  | 15560 | NQ-700 | Mini sagittal saw Uses S88 type blades | 0 - 24500 cpm | - |
|  | 18280 | CQ-710 | Reciprocating saw. Uses S84 type blades | 0 - 12300 cpm | - |
| | 18390 | CQ-711 | Reciprocating saw. Uses S22 type blades | 0 - 12300 cpm | - |

RADIOLUCENT DRILL ADAPTOR

| | | | | | |
|---|-------|--------|--------------------------------------|--------------|---|
|  | 15510 | TQ-700 | Accepts radiolucent drill attachment | As handpiece | - |
|---|-------|--------|--------------------------------------|--------------|---|

90° RADIOLUCENT DRILL ATTACHMENT

| | | | | | |
|---|-------|--|--------------------------|--------------|---|
|  | 17710 | | Uses D56 type drill bits | As handpiece | - |
|---|-------|--|--------------------------|--------------|---|

WIRE/PIN DRIVERS

| | | | | | |
|---|-------|--------|--|--------------|-----|
|  | 17240 | WQ-710 | Wire/Pin Driver 0.7 - 4.0 mm cap. | 0 - 1300 rpm | 4.0 |
| | 17940 | WQ-701 | Variable Wire Driver 0.6 - 2.0 mm cap. | 0 - 1300 rpm | 2.0 |
| | 17860 | PQ-701 | Variable Pin Driver 1.8 - 3.2 mm cap. | 0 - 1300 rpm | 3.2 |
| | 17950 | PQ-702 | Variable Pin Driver 2.6 - 4.0 mm cap. | 0 - 1300 rpm | 4.0 |

Ask for Stericut® catalogue for range of sterile packed saw blades, drill bits, rotary burs and K wires.



BC-700 Battery charger shown with aseptic batteries.

The BC-700 Battery Charger requires minimal user input, simply insert battery and the BC-700 will charge, recover and recondition it to its optimum state.

The large touch-screen display with intuitive menu navigation, displays instant battery charge status and condition. Includes a multi-lingual display and other user settings.

The BC-700 also offers a **unique healthcheck facility**, profiling the condition of an individual battery, automatically reconditioning it, to provide optimal capacity. Alternatively, a manual healthcheck can be easily selected.

The BC-700 Battery Charger accepts all De Soutter Medical batteries, ensuring total backwards compatibility.



BC-700 MULTI BAY CHARGER AND MODULE OPTIONS

| Charger - Order code | Charger module description | Charger module - Order code | For battery type |
|----------------------|-----------------------------------|-----------------------------|---|
| 15700 | Without charger module fitted | - | - |
| 16230 | With 4-off CA-703 charger modules | 18120 |  AB-703/AB-704 |
| 16220 | With 4-off CA-700 charger modules | 15750 |  SB-703/SB-704 |

Mains power cordsets - 3 metres long. Please specify - Order code

| | |
|-----------------------|-------|
| UK | 8290 |
| Euro | 8300 |
| US/Canada | 8310 |
| Australia/New Zealand | 8320 |
| Swiss | 14700 |

BC-700 charger modules can be quickly and easily changed to suit the batteries being charged.



SINGLE BAY CHARGERS

| Model | Battery type - Order code | For battery type |
|--------|---------------------------|------------------|
| BC-706 | 17990 | SB-703/SB-704 |
| BC-707 | 18000 | AB-703 |
| BC-708 | 18010 | AB-704 |

LITHIUM ION ASEPTIC BATTERIES

Why choose Lithium Ion battery technology

De Soutter Medical Lithium Ion batteries offer the surgical team and sterile services a number of tangible benefits over conventional battery technology.

Key advantages are:

- Li-Ion technology improves battery 'capacity to weight' ratio by around 25% when compared to equivalent NiMH or NiCad chemistries.
- Significantly extends the useable run time of the power tool.
- Eliminates 'memory effect' normally associated with other battery types.
- De Soutter Medical sterile Li-Ion technology readily withstands repeated machine washing and autoclaving.
- Unique **fuel gauge** incorporated within De Soutter Medical Li-Ion batteries allows the surgical team to instantly assess the battery capacity - both before and during use.



ASEPTIC LITHIUM ION BATTERIES

SMALL BATTERY



Battery pack



Aseptic housing



Aseptic shield

| Model | Description | Order code | Voltage | Capacity mAh |
|--------|-----------------|------------|---------|--------------|
| AB-703 | Battery pack | 17910 | 10.95V | 2000 |
| AH-703 | Battery housing | 18080 | - | - |
| AS-703 | Battery shield | 18100 | - | - |

LARGE BATTERY



Battery pack



Aseptic housing



Aseptic shield

| Model | Description | Order code | Voltage | Capacity mAh |
|--------|-----------------|------------|---------|--------------|
| AB-704 | Battery pack | 17920 | 14.6V | 2000 |
| AH-704 | Battery housing | 18090 | - | - |
| AS-704 | Battery shield | 18110 | - | - |



STERILE LITHIUM ION BATTERIES

SMALL BATTERY



| Model | Order code | Voltage | Capacity mAh |
|--------|------------|---------|--------------|
| SB-703 | 17210 | 13.2V | 1100 |

LARGE BATTERY



| Model | Order code | Voltage | Capacity mAh |
|--------|------------|---------|--------------|
| SB-704 | 17220 | 13.2V | 2500 |

CORDED DIRECT POWER



PS-701 Power supply

Order code 17870

Connected to MBQ-701 via corded module.

New slim line design.
Requires no set-up. Simply connect to the CM-700 Corded Module for instant use.

Mains power cordsets
3 metres long.
Please specify from options below.

- UK Order code 8290
- Euro Order code 8300
- US/Canada Order code 8310
- Australia Order code 8320
- New Zealand Order code 8320
- Swiss Order code 14700

CM-700
Corded module
Order code
15720



STERILISATION CONTAINERS

Aseptic tray



Sterile tray



ASEPTIC BATTERY STERILISATION SYSTEM

| Set up | Container and insert tray Order code | Insert tray Order code |
|-------------------------------------|---|---------------------------|
| 3 handpieces plus 9 attachments | 18150 | 17960 |
| 2 handpieces plus 11 attachments | 18160 | 17970 |

STERILE BATTERY STERILISATION SYSTEM

| Set up | Container and insert tray Order code | Insert tray Order code |
|------------------------------------|---|---------------------------|
| 3 handpieces plus 9 attachments | 16250 | 17110 |

STANDARD CONTAINER

Aluminium container, aluminium lid.
Size: 538 mm x 254 mm x 142 mm.
DIN compatible.

Lid - Order code 630843
Base - Order code 630833

WIRE CONTAINER

Order code 655073

Accepts both sterile and aseptic insert trays.

STERILE FILTERED CONTAINER

Order code 17410

Accepts standard and wire container plus tray

Filter paper - single use
pack of 100

Order code 657243

Security tag, pack of 100

Order code 657253

Sterile indicator label, pack of 100 - Order code 657263



BATTERY STERILISATION BASKET

For SB-703/SB-704 Batteries

Order code 17390

Battery insert tray
Order code 17400.

UNITED KINGDOM (INTERNATIONAL HEAD OFFICE)

De Soutter Medical Limited
Halton Brook Business Park, Weston Road
Aston Clinton, Aylesbury, Bucks HP22 5WF
Tel: +44 (0) 1296 634 000
Fax: +44 (0) 1296 634 033
Email: info@de-soutter.com

AUSTRALIA

De Soutter Medical Australia Pty Ltd
2/12-14 Apollo Drive, Hallam
Victoria 3803
Tel: +61 (0) 3 9702 4441
Fax: +61 (0) 3 9702 4484
Email: australia@de-soutter.com

AUSTRIA

De Soutter Medical Austria
Zweigniederlassung Österreich
Dietrichsteingasse 10, A-3400 Klosterneuburg
Tel: +43 (0) 676 96 71 770
Fax: +43 (0) 2243 21 656
Email: austria@de-soutter.com

BELGIUM

De Soutter Medical Belgium
In De Bruel 30
3620 Lanaken
Tel: +32 (0) 89/47 15 37
Fax: +32 (0) 89/70 12 19
Email: belgium@de-soutter.com

FRANCE

De Soutter Medical France
949 Avenue du Parc des Expositions
33260 La Teste de Buch
Tel: +33 (0) 5 56 54 89 36
Fax: +33 (0) 9 70 61 37 60
Email: france@de-soutter.com

GERMANY

De Soutter Medical Germany
Niederlassung Deutschland, Kladenfloss
D-66625 Nohfelden
Tel: +49 (0) 68 52-99 12 46
Fax: +49 (0) 68 52-99 12 47
Email: deutschland@de-soutter.com

ITALY

De Soutter Medical Italia
Località Fornace SNC
27022 Casorate Primo - PV
Tel: +39 (0) 2 9009 4098
Fax: +39 (0) 2 9009 2673
Email: italy@de-soutter.com

NETHERLANDS

De Soutter Medical Nederland
Gelderlandhaven 2X
3433 PG Nieuwegein
Tel: +31 (0) 85 0491480
Fax: +31 (0) 85 0491489
Email: nederland@de-soutter.com

UNITED STATES OF AMERICA

De Soutter Medical USA, Inc.
224 Rolling Hill Road, Suite 12A
 Mooresville, NC 28117
Tel: +1 (704) 655 9040
fax: +1 (704) 987 2035
Email: usa@de-soutter.com

deSoutter
MEDICAL

For further information on De Soutter Medical powered instruments and cast saw systems please contact the address in your area.