

deSoutter
MEDICAL

TOTAL POWER, VERSATILITY AND RELIABILITY



orthodrive®

www.de-soutter.com



HIGH PERFORMANCE MOTOR OFFERS UNRIVALLED
LARGE BONE REAMING AND SAWING CAPABILITY

The 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.

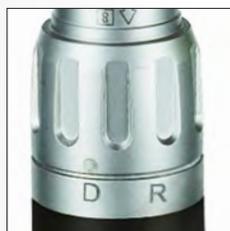
VERSATILITY

- Exceptional system versatility. 15 different rotary attachments, plus 8 different function attachments, including: reciprocating and mini sagittal saws, wire/pin driver and a unique pulse lavage system.
- In-built, quickchange 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 MODULAR ELECTRIC SYSTEM



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	20 Nm	Ø 4.4 mm
	MBQ-701	1289884	0 - 1350 rpm	0 - 300 rpm	20 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 cpm
	Reciprocating	DBC-700	1290444	0 - 13500
	Sagittal (S89)	DBK-701	1290004	0 - 13500
	Sagittal (S87)	DBK-700	1289994	0 - 13500

ECOPULSE™ PULSE LAVAGE SYSTEM

“The Next Generation in Pulse Lavage Sustainability ”



P30-700
Pump kit attached to
MBQ-700 handpiece with
a simple “click in” design

The ECO Pulse doesn't require batteries, motors or electronics and therefore typically saves up to 55% in clinical waste, per procedure.

A smaller footprint allows less packaging to be used, this results in a reduction in valuable storage space by 2.5 times.

PUMP KITS

Order code	Type	Supplied nozzle
P30-700	General purpose with suction	P30-121
P30-701	Hip arthroplasty with suction	P30-121/P30-123
P30-702	Hip arthroplasty brush with suction	P30-121/P30-124
P30-704	Hip arthroplasty without suction	P30-120/P30-122
P30-705	Bone cleaning (high pressure) with suction	P30-125
P30-707	Hip arthroplasty (high pressure) with suction	P30-123/P30-125
P30-708	Hip arthroplasty (high pressure) without suction	P30-122/P30-125
P30-709	Bone cleaning (fan spray) with suction	P30-127
P30-710	Hip arthroplasty (fan spray) with suction	P30-123/P30-127

NOZZLES

Order code	Type	Useable length
P30-125	Bone cleaning - high pressure with suction	6cm
P30-127	Bone cleaning - fan spray with suction	6cm
P30-120	Soft tissue without suction	10cm
P30-121	Shower spray with suction	6cm
P30-122	Femoral canal without suction	25cm
P30-123	Femoral canal with suction	25cm
P30-124	Femoral brush with suction	25cm

Flow rate Variable 0 - 1.0 litres/min Pulse rate Variable 0 - 1350 pulses/min
* Based on AB-703 Performance figures dependent on battery type.

MBQ DRIVES AND ATTACHMENTS

	Order code	Model	Chuck description	Final drive speed	Cannulation Ø mm
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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	4.2
	15380	-	0.3 - 3.0 mm (1/8") keyless	As handpiece	3.0
	15390	-	0.3 - 7.4 mm (1/4") keyless	As handpiece	4.2
	15480	-	Small A.O. Synthes/ASIF	As handpiece	2.5
	15490	-	Large A.O. Synthes/Protec	As handpiece	4.2
	15530	-	Hudson	As handpiece	4.2
	15540	-	Trinkle	As handpiece	4.2
	15460	-	Zimmer	As handpiece	4.2
	15470	-	Hudson/Zimmer combi	As handpiece	4.2
	17130	-	Harris	As handpiece	4.2
	19330	-	DHS/DCS	As handpiece	4.2
	18190	-	Stryker Triathlon®	As handpiece	2.3
	17930	-	Aesculap Targon TX	As handpiece	4.2

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	-
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90° RADIOLUCENT DRILL ATTACHMENT

	17710		Uses D56 type drill bits	As handpiece	-
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WIRE/PIN DRIVERS

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

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

BATTERY CHARGERS



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	Mains power cordsets - 3 metres long. Please specify - Order code
15700	Without charger module fitted	-	-	
16230	With 4-off CA-703 charger modules	18120	 AB-703/AB-704	UK 8290 Euro 8300 US/Canada 8310 Australia/New Zealand 8320
16220	With 4-off CA-700 charger modules	15750	 SB-703/SB-704	Swiss 14700

The 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 when compared to 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.



SMALL BATTERY



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



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	-	-

LITHIUM ION STERILE 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 - Order code

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

CM-700
Corded module
Order code
15720



STERILISATION CONTAINERS



Aseptic tray



Sterile tray



Half size battery insert tray

ASEPTIC BATTERY STERILISATION SYSTEM

Set up - optional tray contents	Standard wire container and insert tray Order code	Standard insert tray Order code
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3 off handpieces 9 off attachments 2 off aseptic battery housings and shields	18150	17960
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2 off handpieces 9 off attachments 2 off aseptic battery housings and shields	18160	17970
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STERILE BATTERY STERILISATION SYSTEM

Set up - optional tray contents	Standard wire container and insert tray Order code	Standard insert tray Order code
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3 off handpieces 9 off attachments 2 off sterile batteries	16250	17110
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2 off handpieces 9 off attachments 2 off sterile batteries	19140	19040
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WIRE CONTAINERS

Standard wire container
Order code 19010
Accepts standard insert tray

Half size wire container
Order code 19000
Accepts half size insert tray

Set up - optional tray contents	Half size wire container and insert tray Order code	Half size Insert tray Order code
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2 off SB-70x batteries	17390	17400
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STERILE FILTERED CONTAINERS

Accepts standard insert tray.



Standard sterile filtered container
Order code 19250
PTFE sterile filtered container
Order code 19810
Lid gasket - Order code 670023

Accepts half size insert tray.



Half size sterile filtered container
Order code 19370
Lid gasket - Order code 669903

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



PTFE filter cassette
Order code 671073

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MEDICAL

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