

deSoutter
MEDICAL

Total Power, Versatility and Reliability



orthodrive®

www.de-soutter.com



*High performance 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.

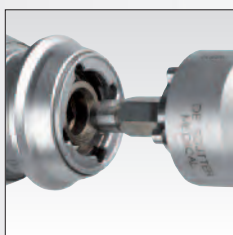
VERSATILITY

- 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, 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-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



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

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

PERFORMANCE

Flow rate: variable 0 - 1.0 litre/min* Pulse rate: variable 0 - 1300 pulses/min*

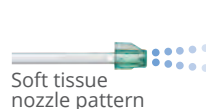
* Performance figures dependent on battery type.

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	



Bone cleaning nozzle pattern



Soft tissue nozzle pattern



Femoral canal nozzle pattern

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%.

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	2.55
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	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
	19330	-	DHS/DCS	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	-
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	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

			Uses D56 type drill bits	As handpiece	-
	17710				

WIRE/PIN DRIVERS

	17240	WQ-710	Wire/Pin Driver 0.7 - 4.0 mm cap.	0 - 1350 rpm	4.0
	17940	WQ-701	Variable Wire Driver 0.6 - 2.0 mm cap.	0 - 1350 rpm	2.0
	17860	PQ-701	Variable Pin Driver 1.8 - 3.2 mm cap.	0 - 1350 rpm	3.2
	17950	PQ-702	Variable Pin Driver 2.6 - 4.0 mm cap.	0 - 1350 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

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.

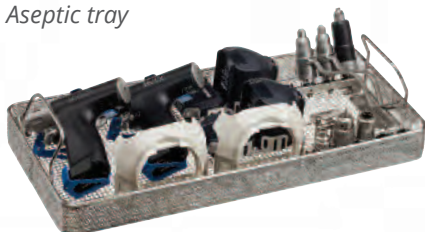
UK	Order code 8290
Euro	Order code 8300
US/Canada	Order code 8310
Australia	Order code 8320
New Zealand	Order code 8320
Swiss	Order code 14700

CM-700
Corded module
Order code
15720

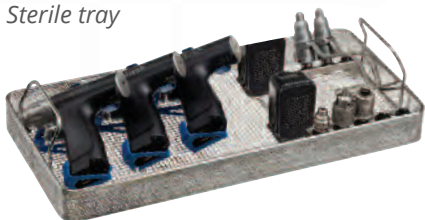


STERILISATION CONTAINERS

Aseptic tray



Sterile tray



*Half size
battery
insert tray*

ASEPTIC BATTERY STERILISATION SYSTEM

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

STERILE BATTERY STERILISATION SYSTEM

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

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	Half size insert tray
2 off SB-70x batteries	Order code 17390	Order code 17400

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



PTFE filter cassette
Order code 671073

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

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deSoutter
MEDICAL

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