

**deSouther**  
MEDICAL

PASSIONATE ABOUT INNOVATION



**orthodrive<sup>®</sup>**  
*lite*

[www.de-souther.com](http://www.de-souther.com)



LITE ON COST • LITE ON WEIGHT • LITE ON VIBRATION • BIG ON POWER

## DOES MORE, FOR LONGER, WITH BETTER PERFORMANCE

### LITE HANDPIECE

- We are pleased to introduce our elegant straight case modular handpiece with its unique dual position trigger function, allowing complete grip flexibility.
- Lightest large bone system on the market delivering unmatched power to weight performance.
- Continuous development in handpiece ergonomics ensures class leading surgeon comfort.
- Effortless attachment assembly. Simply 'push and click' and you are ready to go.



### INNOVATIVE SAW HEAD DESIGN

- Innovative 'Zero Play' blade mounting mechanism eliminates unwanted vibration and noise.
- Superior saw head reliability is achieved through the reduction of mechanical play within the saw mechanism.
- Simple blade loading is achieved with a totally unique 'push and click' action.














### TOTAL SYSTEM FLEXIBILITY

- Complete compatibility with existing De Soutter Medical systems already on site, ensuring cost containment.
- The orthodrive® Lite system provides greater flexibility than ever before allowing it to be used for both large bone and trauma procedures, without compromising performance.

## ORTHODRIVE LITE SYSTEM

### DEDICATED ATTACHMENTS

	Order code	Model	Description	Speed rpm	Cannulation Ø mm
<b>DRILLING</b>					
	17600	DQ-708	0.5 - 7.4 mm (1/4")	0 - 1350	4.4
	17610	DQ-708	Small A.O. Synthes/ASIF	0 - 1350	2.1
<b>QUICK RELEASE REAMING</b>					
	17620	RQ-708	Large A.O. Synthes/Protec	0 - 330	4.4
	17630	RQ-708	Hudson/Zimmer combi	0 - 330	4.4
	17840	RQ-708	Hudson	0 - 330	4.4
	17850	RQ-708	Zimmer	0 - 330	4.4
<b>HIGH SPEED BUR</b>					
	19890	BQ-707	Bur - standard (72 mm)	0 - 20000	-
	19880	BQ-707	Bur - long (197 mm)	0 - 20000	-
	19870	BQ-707	Bur - extra long (273 mm)	0 - 20000	-
			Uses R60-5XX series rotary burs		
<b>SAWING</b>					
	17640	KQ-707	Large sagittal saw Uses S89 type blades	0 - 13500	cpm -
	17680	NQ-707	Small sagittal saw Uses S88 type blades	0 - 20000	cpm -
	17660	CQ-707	Reciprocating saw Uses S84 type blades	0 - 13500	cpm -
<b>WIRE AND PIN DRIVER</b>					
	17700	WQ-707	0.7 - 4.0 mm wire capacity	0 - 1350	4.0
	18240	WQ-708	0.6 - 2.0 mm wire capacity	0 - 1350	4.0
	18220	PQ-707	1.8 - 3.2 mm pin capacity	0 - 1350	4.0
	18230	PQ-708	2.6 - 4.0 mm pin capacity	0 - 1350	4.0
<b>ATTACHMENTS FOR USE WITH FINAL DRIVE ADAPTORS</b>					
	17570	GQ-707	Drill/reamer	0-330/0-1200	4.4
	17590	RQ-707	Reamer	0 - 330	4.4
	17580	DQ-707	Drill	0 - 1350	4.4
<b>RADIOLUCENT ATTACHMENT</b>					
	17690	TQ-707	Accepts radiolucent drill final drive	0 - 1350	-

















See pages 6 - 8 for range of aseptic and sterile battery systems.

### HANDPIECE SPECIFICATION

Model	Order code	Description	Drilling speed	Maximum reaming torque	Cannulation Ø mm
MBQ-707	1289334	Single trigger	0 - 1350 rpm	16 Nm	4.4
MBQ-708	1289444	Dual trigger	0 - 1350 rpm	16 Nm	4.4
MBQ-807	1293554	Straight case	0 - 1350 rpm	15 Nm	4.4



FINAL DRIVE ADAPTORS - Final drive speeds are as drive attachment selected

DRILLING	Order code	Description	Cannulation Ø mm
	15360	0.5 - 4.0 mm (5/32") keyed	3.1
	15370	0.5 - 7.4 mm (1/4") keyed	4.2
	15380	0 - 3.0 mm (1/8") keyless	3.0
	15390	0.3 - 7.4 mm (1/4") keyless	4.2
QUICK RELEASE DRILLING AND REAMING			
	15480	Small A.O. Synthes/ASIF	2.5
	15490	Large A.O. Synthes/Protec	4.2
	15530	Hudson	4.2
	15540	Trinkle	4.2
	15460	Zimmer	4.2
	15470	Hudson/Zimmer Combi	4.2
	17130	Harris	4.2
	19330	DHS/DCS	4.2
	18190	Stryker Triathlon*	2.3
	17930	Aesculap Taragon TX	4.2

All final drive adaptors are fully compatible with the 700 Series orthodrive® range of products.

PULSE LAVAGE



Type P30-700 Series Pump kit

Ask for catalogue No. 302 for full details of the De Soutter Medical range of pulse lavage equipment.

RADIOLUCENT DRILL



17710

Uses D56 type drill bits

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 Swiss 14700
16220	With 4-off CA-700 charger modules	15750	 SB-703/SB-704	

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 STERILE 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 22% 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.



## LITHIUM ION STERILE BATTERIES

	Model	Description	Order code	Voltage	Capacity mAh
	SB-703	Small battery	17210	13.2V	1100
	SB-704	Large battery	17220	13.2V	2500

## LITHIUM ION ASEPTIC 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	-	-

### Loading an aseptic battery pack



1

Press both catches to open housing



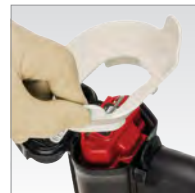
2

With the aseptic housing open, the sterile operator fits the aseptic shield over the opening



3

The non-sterile operator inserts the fully charged aseptic battery into the housing.



4

The non-sterile operator removes the aseptic shield.



5

The sterile operator closes the aseptic housing until the lid clicks shut, ensuring the housing is fully closed.



## CORDED DIRECT POWER



PS-701 Power supply  
Order code 17870

Connected to MBQ-708  
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 INSERT TRAYS

The introduction of a high performance hard anodising technology onto our handpieces has provided:

- Excellent corrosion resistance and protection against highly alkaline detergents. Durability and long term reliability is significantly improved.
- Ultra tough and exceptionally scratch resistant.

### ASEPTIC BATTERY STERILISATION SYSTEM

Set up - optional tray contents	Container and insert tray Order code	Insert tray Order code
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#### SINGLE HANDPIECE

1 handpiece, 8 attachments, 8 adaptors, and 1 aseptic battery housing and shield.	18130	17900
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1 handpiece, 6 attachments, 5 adaptors, 3 bur attachments and 2 aseptic battery housing and shields.	20030	20020
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#### TWO HANDPIECE

2 handpieces, 6 attachments, 8 adaptors and 2 aseptic battery housings and shields.	19120	19020
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1 pistol grip & 1 straight case handpieces, 6 attachments, 8 adaptors and 2 aseptic battery housings and shields.	20390	20350
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#### HALF SIZE

1 handpiece, 4 attachments, 1 aseptic battery housing and shield.	19400	19290
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### STERILE BATTERY STERILISATION SYSTEM

1 handpiece, 8 attachments, 8 adaptors and 1 sterile battery.	17830	17550
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2 handpieces, 6 attachments, 8 adaptors and 2 sterile batteries	19160	19060
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1 pistol grip & 1 straight case handpieces, 6 attachments, 8 adaptors and 2 sterile batteries.	20400	20340
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### BATTERY STERILISATION

2 SB-70X batteries	17390	17400
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# STERILISATION CONTAINERS

## WIRE CONTAINERS



Standard wire container  
Order code 19010  
Accepts standard insert tray

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

## 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

PTFE filter cassette  
Order code 671073



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

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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.