

deSouther
MEDICAL

PASSIONATE ABOUT INNOVATION



orthodrive[®]
lite

www.de-soutter.com

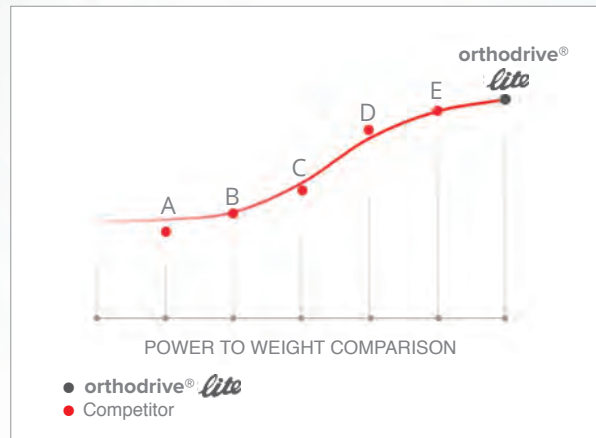


LITE ON COST • LITE ON WEIGHT • LITE ON VIBRATION • **BIG ON POWER**

Does more, for longer, with better performance

New Lite Handpiece

- 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
DRILLING					
	17600	DQ-708	0.5 - 7.4 mm (1/4")	0 - 1350	4.4
	17610	DQ-708	Small A.O. Synthes/ASIF	0 - 1350	2.55
QUICK RELEASE REAMING					
	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
	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				
SAWING					
	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	-
WIRE AND PIN DRIVER					
	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
Ask for Stericut® catalogue for range of sterile packed saw blades, drill bits, rotary burs and K wires.					
ATTACHMENTS FOR USE WITH FINAL DRIVE ADAPTORS					
	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
RADIOLOUCENT ATTACHMENT					
	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	Drilling speed	Maximum reaming torque	Cannulation Ø mm
MBQ-707	1289334	0 - 1350 rpm	16 Nm	4.4
MBQ-708	1289444	0 - 1350 rpm	16 Nm	4.4

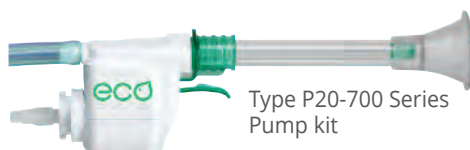


FINAL DRIVE ADAPTORS - Final drive speeds are as drive attachment selected

	Order code	Description	Cannulation Ø mm
DRILLING			
	15360	0.5 - 4.0 mm (5/32") keyed	3.2
	15370	0.5 - 7.4 mm (1/4") keyed	4.4
	15380	0 - 3.0 mm (1/8") keyless	3.2
	15390	0.3 - 7.4 mm (1/4") keyless	4.4
QUICK RELEASE DRILLING AND REAMING			
	15480	Small A.O. Synthes/ASIF	2.55
	15490	Large A.O. Synthes/Protec	4.4
	15530	Hudson	4.4
	15540	Trinkle	4.4
	15460	Zimmer	4.4
	15470	Hudson/Zimmer Combi	4.4
	17130	Harris	4.4
	19330	DHS/DCS	4.4
	18190	Stryker Triathlon®	-
	17930	Aesculap Taragon TX	-

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

PULSE LAVAGE



Type P20-700 Series Pump kit

Ask for catalogue No.201 for full details of the De Soutter Medical range of pulse lavage equipment.

RADIO LUCENT DRILL



Order code
17710
Uses D56
type drill bits

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
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

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



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	-	-

Loading an aseptic battery pack



1

Press both catches to open housing



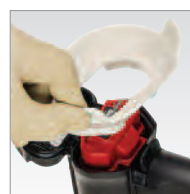
2

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 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 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



SINGLE HANDPIECE

Standard wire container and Insert tray Order code 18130
Standard insert tray Order code 17900

Accommodates 1 handpiece, 8 attachments, 8 adaptors, and 1 aseptic battery housing and shield.

Standard wire container and Insert tray Order code 20030
Standard insert tray Order code 20020

Accommodates 1 handpiece, 6 attachments, 5 adaptors, 3 bur attachments and 2 aseptic battery housing and shields.

Half size wire container and Insert tray Order code 19400
Half size insert tray Order code 19290

Accommodates 1 handpiece, 4 attachments, 1 aseptic battery housing and shield.

TWO HANDPIECE

Standard wire container and Insert tray Order code 19120
Standard insert tray Order code 19020

Accommodates 2 handpieces, 6 attachments, 8 adaptors and 2 aseptic battery housings and shields.

STERILE BATTERY STERILISATION SYSTEM



SINGLE HANDPIECE

Standard wire container and Insert tray Order code 17830
Standard insert tray Order code 17550

Accommodates 1 handpiece, 8 attachments, 8 adaptors and 1 sterile battery.

TWO HANDPIECE

Standard wire container and Insert tray Order code 19160
Standard insert tray Order code 19060

Accommodates 2 handpieces, 6 attachments, 8 adaptors and 2 sterile batteries.

BATTERY STERILISATION



TWO OFF SB-70x BATTERIES

Half size wire container and insert tray Order code 17390
Half size insert tray . Order code 17400

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

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
Bessemerstraat 14
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
1 252 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 Deutschland
Bahnhofstraße 4
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

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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.