

deSoutter
MEDICAL

PASSIONATE ABOUT INNOVATION



orthodrive[®]
lite

www.de-soutter.com

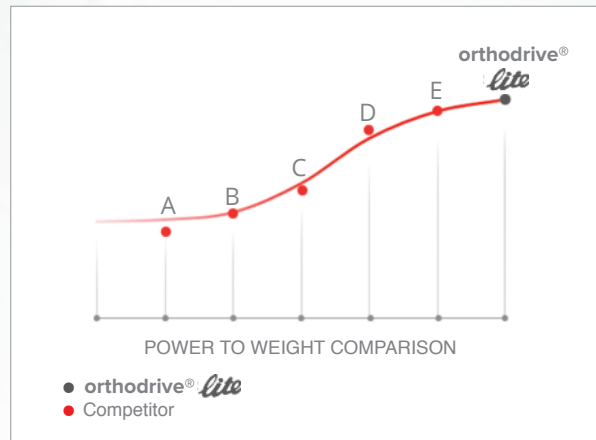


LITE ON COST • LITE ON WEIGHT • LITE ON VIBRATION • **BIG ON POWER**

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 | 2.1 |
| QUICK RELEASE DRILLING AND 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 |
| 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 |
| RADIOLUCENT 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 | 15 Nm | 4.4 |
| MBQ-708 | 1289444 | 0 - 1350 rpm | 15 Nm | 4.4 |

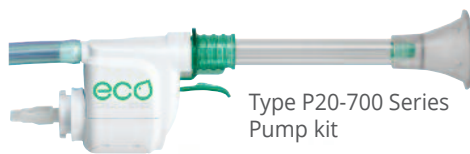


FINAL DRIVE ADAPTORS - Final drive speeds are as drive attachment selected

| | 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 | 2.1 |
|  | 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.

RADIOLUCENT 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

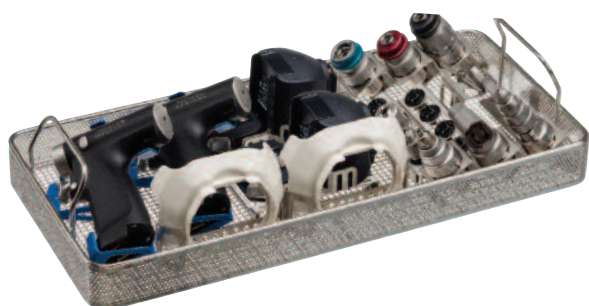
STERILISATION INSERT TRAYS

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

Wire container and Insert tray Order code 18130

Insert tray only Order code 17900

Accommodates 1 handpiece, 6 attachments, 8 adaptors and 1 aseptic battery housing and shield.

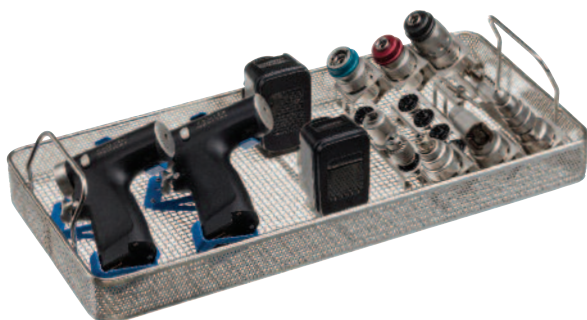
TWO HANDPIECE

Wire container and Insert tray Order code 19120

Insert tray only Order code 19020

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

STERILE BATTERY STERILISATION SYSTEM



SINGLE HANDPIECE

Wire container and Insert tray Order code 17830

Insert tray only Order code 17550

Accommodates 1 handpiece, 6 attachments, 8 adaptors and 1 sterile battery.

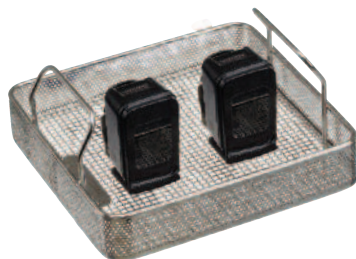
TWO HANDPIECE

Wire container and Insert tray Order code 19160

Insert tray only 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 only. Order code 17400

STERILISATION CONTAINERS

WIRE CONTAINERS



Wire container
Order code 19010
Accepts sterile or aseptic system insert trays.

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

STERILE FILTERED CONTAINERS



Order code 19250
Accepts wire container
and insert tray.
Lid gasket - Order code 670023

Order code 19370
Accepts half size wire container
and insert tray.
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.