

**deSoutter**  
MEDICAL



**sternudrive™**

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

# DB BATTERY STERNUM SAWS

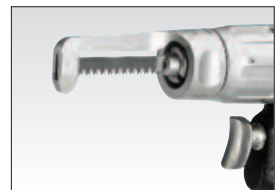
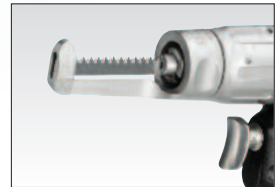
The DBC-470 has a unique active damping system which reduces vibration by 30% and noise by up to 40%. A single piece micro adjustable blade guard provides optimum control of the cutting direction for primary sternotomies.



**DBR-700**  
*for revision sternotomies*

**DBR-470**  
*paediatric*

**DBC-470**  
*for primary sternotomies*



*Simple twist and click sternum blade guard for quick and efficient use*

Sternum guard  
Order code 16490



Model	Order code	Speed cpm	Stroke
DBC-470	1290224	0 - 14000	3.7 mm
DBR-470	1291664	0 - 15000	-
DBR-700	1290884	0 - 13500	-

# MBC MODULAR BATTERY STERNUM SAW

The De Soutter Medical MBC sternudrive lite™ is a powerful, yet versatile modular sternum saw system for primary, revision and paediatric surgery. The handpiece is powered by either sterile or aseptic Li-ion batteries, assuring class leading power to weight ratio.



Model	Description	Order code	Speed cpm/rpm
MBC-709	Modular handpiece	1291554	0 - 13000
CQ-709	Reciprocating sternum saw Sternum guard	18380 16490	0 - 13000
NQ-709	Oscillating paediatric sternum saw	18450	0 - 13000
KQ-709	Oscillating sagittal sternum saw	17650	0 - 13000
DQ-709	0.5 - 7.4 mm (1/4") keyed drill Cannulation 4.4 mm	19380	0 - 1300
DQ-709	Small A.O. Synthes/ASIF drill Cannulation 2.1 mm	19430	0 - 1300
OQ-709	Oscillating sternum saw Blade tightening wrench	18420 190723	0 - 13000
WQ-709	Wire driver 0.7 - 4.0 mm	19390	

# DP AIR STERNUM SAWS

DPC-470 offers the same innovative functionality as the battery sternum saw. A single piece, twist and click, micro adjustable blade guard provides quick and efficient use with optimum control of the cutting direction. For revision sternotomies, the DPX-170 oscillating saw handpiece is also offered.







**DPC-470**  
for primary sternotomies

### Wash assist air hose



This hose system is recommended where machine washing of air hoses is required. By releasing the probe end from the hose, which is retained on the hose via the rubber strap, the two hose ends can be joined and sealed prior to machine washing.

Probe end	Model	3 m hose	4 m hose	5 m hose
		Order code		
 MA7 Schrader	DPC-470	13300	13400	13500
	DPX-170	13000	13100	13200
 AO	DPC-470	13310	13410	13510
	DPX-170	13010	13110	13210
 Draeger	DPC-470	13330	13430	13530
	DPX-170	13030	13130	13230
 AGA Inst.	DPC-470	13320	13420	13520
	DPX-170	13020	13120	13220

Other probe connectors are available on request.

### Air inlet washing cap.




Order code 9950 for DPC-470  
Order code 608073 for DPX-170



Sternum guard

Order code 16490

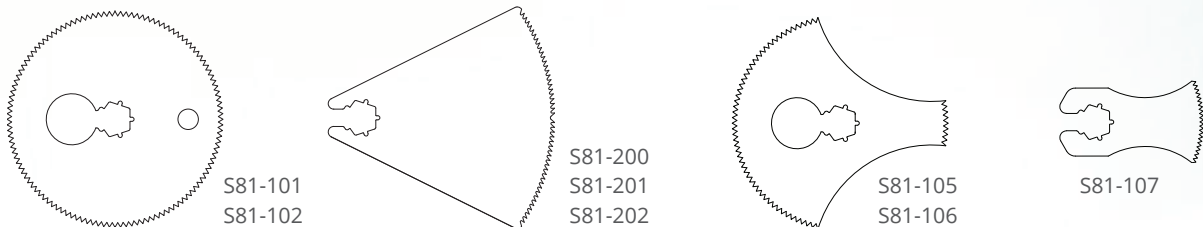
Model	Order code	Speed	Stroke	Operating pressure	
DPC-470	226614	0 - 16000 cpm	3.7 mm	6 - 7 bar	
Model	Order code	Speed	Oscillating arc	Operating pressure	
DPX-170	223224	0 - 13000 cpm	6°	6 - 7 bar	

# SAW BLADES

## RECIPROCATING BLADES FOR DBC-470, DPC-470 AND CQ-709

	Blade Order code	Blade thickness	Cut thickness	Tooth pitch
	S84-400	0.8 mm	1.2 mm	1.4 mm (18 TPI) Uni directional cut
	S84-401	0.8 mm	1.2 mm	1.4 mm (18 TPI) Bi directional cut
	S84-402	0.6 mm	1.2 mm	1.4 mm (18 TPI) Uni directional cut

## OSCILLATING BLADES FOR DPX-170

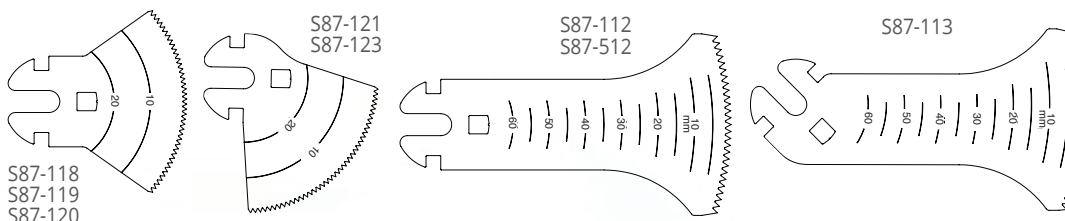


Blade Order code	Blade thickness	Cut thickness	Tooth pitch	Useable length	Blade width
S81-107	0.5 mm	1.0 mm	1.3 mm (20 TPI)	20 mm	24 mm
S81-106	0.5 mm	1.0 mm	1.6 mm (16 TPI)	16 mm	25 mm
S81-105	0.5 mm	1.0 mm	1.8 mm (14 TPI)	23 mm	32 mm
S81-101	0.5 mm	1.0 mm	1.8 mm (14 TPI)	23 mm	32 mm
S81-102	0.5 mm	1.0 mm	1.5 mm (17 TPI)	29 mm	38 mm
S81-200	0.5 mm	1.0 mm	1.4 mm (18 TPI)	43 mm	57 mm
S81-201	0.5 mm	1.0 mm	1.3 mm (20 TPI)	18 mm	32 mm
S81-202	0.5 mm	1.0 mm	1.6 mm (16 TPI)	36 mm	50 mm

## OSCILLATING BLADES FOR DBR-470 AND NQ-709

	Blade Order code	Blade thickness	Cut thickness	Tooth pitch	Useable length	Blade width
	S88-908	0.6 mm	0.6 mm	1.4 mm	19 mm	50 mm
	S88-909	0.6 mm	0.6 mm	1.4 mm	19 mm	63 mm
	S88-918	0.6 mm	0.6 mm	1.4 mm	25 mm	50 mm
	S88-919	0.6 mm	0.6 mm	1.4 mm	25 mm	63 mm

## OSCILLATING BLADES FOR DBR-700 AND KQ-709



Blade Order code	Blade thickness	Cut thickness	Tooth pitch	Useable length	Blade width
S87-112	0.6 mm	0.8 mm	1.9 mm	65 mm	50 mm
S87-113	0.6 mm	0.8 mm	1.9 mm	65 mm	50 mm
S87-118 Pediatric	0.51 mm	0.9 mm	1.4 mm	23 mm	50 mm
S87-119 Pediatric	0.51 mm	0.9 mm	1.4 mm	23 mm	63 mm
S87-120	0.51 mm	1.0 mm	1.6 mm	35 mm	82 mm
S87-121	0.51 mm	1.0 mm	1.6 mm	35 mm	82 mm
S87-123	0.51 mm	0.9 mm	1,4 mm	23 mm	50 mm
S87-512	0.6 mm	0.6 mm	2,1 mm	65 mm	50 mm





**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.

Charger - Order code	Charger configuration	Charger module - Order code	For battery type
16230	4-off CA-703 charger modules	18120 	AB-703 AB-704
16220	4-off CA-700 charger modules	15750 	SB-703 SB-704

Without charger module fitted - Order code 15700  
Charger modules can be quickly changed to suit the batteries being charged.

Mains power cordsets - 3 metres long. Please specify - Order code.  
UK - 8290 Euro - 8300 US/Canada - 8310 Australia/New Zealand - 8320 Swiss - 14700

**SINGLE BAY CHARGERS**



Model	Charger Order code	For battery type
BC-706	17990	SB-703/SB-704
BC-707	18000	AB-703
BC-708	18010	AB-704

**LITHIUM ION 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.

- 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.



# LITHIUM ION BATTERIES

## LITHIUM ION STERILE BATTERIES



Model	Order code	Voltage MiNH	Capacity mAh
SB-703	17210	13.2	1100
SB-704	17220	13.2	2500

## LITHIUM ION ASEPTIC BATTERIES



Aseptic Battery		Aseptic Housing		Aseptic Shield		Voltage MiNH	Capacity mAh
Model	Order code	Model	Order code	Model	Order code		
AB-703	17910	AH-703	18080	AS-703	18100	10.95V	2000
AB-704	17920	AH-704	18090	AS-704	18110	14.6V	2000

# STERILISATION TRAYS AND CONTAINER

## ASEPTIC SYSTEM



Tray with MBC-709 handpiece

Set up - optional tray contents	Container and tray	Tray only
1 off DBR-700 handpiece 1 off aseptic housing and shield	Order code 19170	Order code 19070
1 off DBR-470 or DBC-470 handpiece 1 off sternum guard (DBC-470 only) 1 off aseptic housing and shield	Order code 18210	Order code 18200
1 off MBC-709 handpiece 3 off attachments 1 off sternum guard 1 off aseptic housing and shield	Order code 19280	Order code 19300

## STERILE SYSTEM



Tray with DBC-470 handpiece

Set up - optional tray contents	Container and tray	Tray only
1 off DBR-700 handpiece 1 off sterile battery	Order code 17890	Order code 17880
1 off DBR-470 or DBC-470 handpiece 1 off sternum guard (DBC-470 only) 1 off sterile battery	Order code 19270	Order code 19110
1 off MBC-709 handpiece 3 off attachments 1 off sternum guard 1 off sterile battery	Order code 19200	Order code 19100
1 off DPC-470 handpiece 1 off sternum guard	Order code 17160	Order code 17170
2 off SB-703 or SB-704 sterile batteries	Order code 17390	Order code 17400



Wire container for trays  
Order code 19000

## STERILE FILTERED CONTAINER

Order code 19370  
Accepts aseptic and sterile trays and wire container.  
Lid gasket - Order code 669903

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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.