

**deSoutter**  
MEDICAL



**sternudrive™**

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

# DB BATTERY STERNUM SAWS

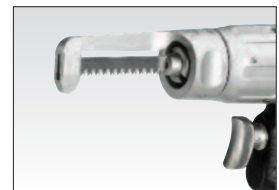
The DBC-470 has a unique active damping system which reduces vibration by 30% and noise by up to 40%. A single piece micro adjustable blade guard provides optimum control of the cutting direction for primary sternotomies.



**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*



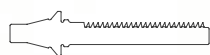
Sternum guard  
Order code 16490

Model	Order code	Speed cpm	Stroke
DBC-470	1290224	0 - 14000	3.7 mm
DBR-470	129664	0 - 15000	-
DBR-700	1290884	0 - 13500	-

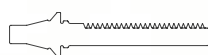


# SAW BLADES

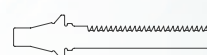
## RECIPROCATING BLADES FOR DBC-470 AND DPC-470



S84-400



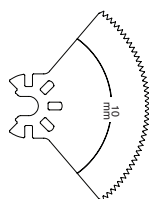
S84-401



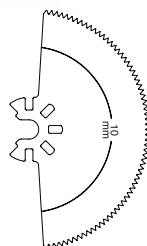
S84-402

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

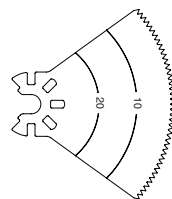
## OSCILLATING BLADES FOR DBR-470



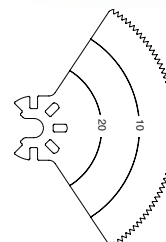
S88-908



S88-909



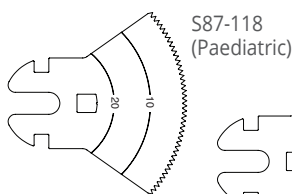
S88-918



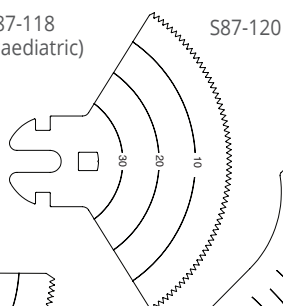
S88-919

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

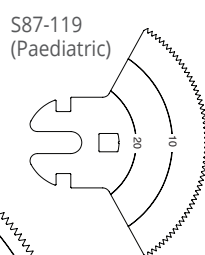
## OSCILLATING BLADES FOR DBR-700



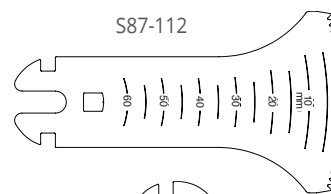
S87-118  
(Paediatric)



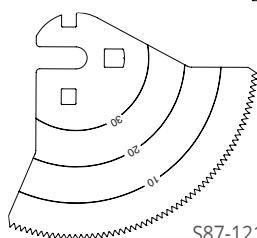
S87-120



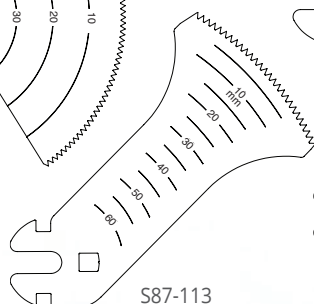
S87-119  
(Paediatric)



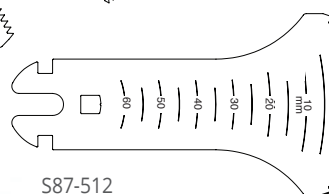
S87-112



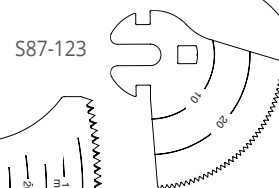
S87-121



S87-113



S87-512



S87-123

Order code	Blade thickness	Cut thickness	Tooth pitch	Useable length	Blade width
S87-112	0.6 mm	0.8 mm	1.9 mm (14 TPI)	65 mm	50 mm
S87-113	0.6 mm	0.8 mm	1.9 mm (14 TPI)	65 mm	50 mm
S87-118	0.51 mm	0.9 mm	1.4 mm (18 TPI)	23 mm	50 mm
S87-119	0.51 mm	0.9 mm	1.4 mm (18 TPI)	23 mm	63 mm
S87-120	0.51 mm	1.0 mm	1.6 mm (16 TPI)	35 mm	82 mm
S87-121	0.51 mm	1.0 mm	1.6 mm (16 TPI)	35 mm	82 mm
S87-123	0.51 mm	0.9 mm	1.4 mm (18 TPI)	23 mm	50 mm
S87-512	0.6 mm	0.6 mm	2.1 mm (12 TPI)	65 mm	50 mm

## 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 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	-	-	UK 8290
16230	With 4-off CA-703 charger modules	18120	 AB-703/AB-704	Euro 8300
16220	With 4-off CA-700 charger modules	15750	 SB-703/SB-704	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	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.

*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.



### LITHIUM ION STERILE BATTERIES



*Small battery*



*Large battery*

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

### LITHIUM ION ASEPTIC BATTERIES (small battery shown below)



*Battery pack*



*Aseptic housing*



*Aseptic shield*

Model	Description	Order code	Voltage MiNH	Capacity mAh
AB-703	Small battery pack	17910	10.95V	2000
AB-704	Large battery pack	17920	14.6V	2000
AH-703	Small aseptic housing	18080	-	-
AH-704	Large aseptic housing	18090	-	-
AS-703	Small aseptic shield	18100	-	-
AS-704	Large aseptic shield	18110	-	-

# 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*

Model	Order code	Speed	Stroke	Operating pressure	Sternum guard
DPC-470	226614	0 - 16000 cpm	3.7 mm	6 - 7 bar	Order code 16490

See page 3 for range of reciprocating saw blades.

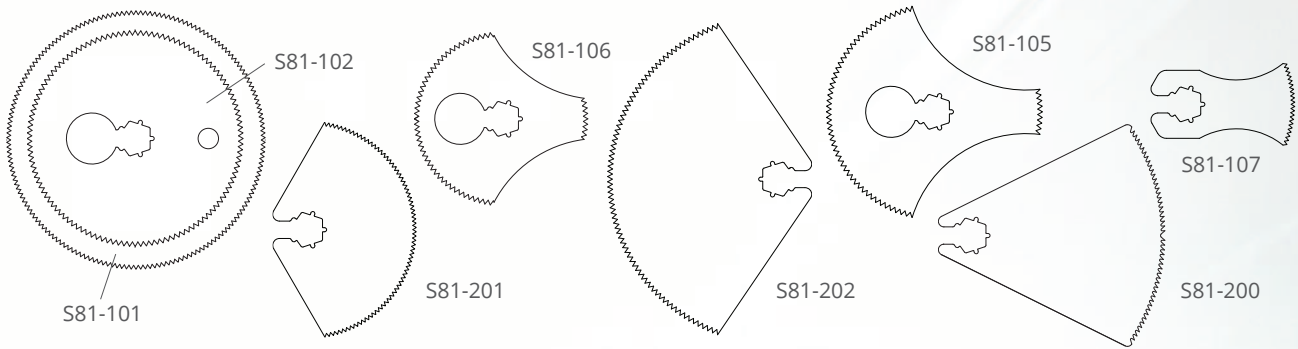
Model	Order code	Speed	Oscillating arc	Operating pressure
DPX-170	223224	0 - 13000 cpm	6°	6 - 7 bar

Air inlet washing cap.  
Prevents water entering handpiece during washing prior to autoclaving.



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

## SAW 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

## AIR HOSES



The Wash Assist co-axial 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	Model	3 metre hose - Order code	4 metre hose - Order code	5 metre 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.

## STERILISATION CONTAINERS



For NiMH battery options please see Accessories catalogue No. 162

Model	Container and insert tray Order code	Insert tray only Order code
DBC-470	18210 <sup>1)</sup>	18200 <sup>1)</sup>
	17140 <sup>2)</sup>	17150 <sup>2)</sup>
DBR-470	655593 <sup>3)</sup>	616133
DBR-700	17890 <sup>2)</sup>	17880 <sup>2)</sup>
DPC-470	17160	17170
DPX-170	9350	631343

### BATTERY STERILISATION BASKET

SB-703/SB-704	17390	17400
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<sup>1)</sup> Aseptic Li-Ion only battery system

<sup>2)</sup> Sterile Li-Ion only battery system

<sup>3)</sup> Specify Insert tray silicone mat with order.  
Insert tray silicone mat - Order code 616133

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  
In De Bruel 30  
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  
949 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 Germany  
Niederlassung Deutschland, Kladenfloss  
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

**deSoutter**  
MEDICAL

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