

**deSouther**  
MEDICAL

POWER, PRECISION AND QUALITY



**traumadrive™**

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

# MBU MODULAR ELECTRIC SYSTEM

The De Soutter Medical MBU traumadrive™ is a powerful, modular electric instrument system for small bone and trauma surgery. The handpiece is powered by either sterile or aseptic batteries or by a mains power supply via a low voltage corded module. Li-Ion battery technology assures class leading power to weight ratio.



**MBU-470**  
Fitted with sagittal saw attachment

*Advanced function controls*



- High speed and oscillating drilling.
- Low speed drilling, screw driving and tapping.
- Torque limiting for screwdriving.
- Forward and reverse triggers.
- Mode selector button with mechanical safety lock.

*Power options*

- 14.6V Li-ion aseptic batteries.
- 13.2V Li-Ion sterile batteries.
- Corded direct power.

**MBU-470**  
Fitted with A.O. drill chuck

**HANDPIECE SPECIFICATION**

Model	Order code	High speed 	Low speed 	Cannulation
MBU-470	1288884	0 - 1350 rpm	0 - 200 rpm	4.2 mm








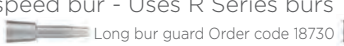








**SAGITTAL SAW HANDPIECE SPECIFICATION**

Model	Order code	De Soutter saw blade	Speed
DBN-470	1289664	S88 Extra large type blades	15000 cpm



See pages 5 and 6 for battery options and corded module.

## MBU DRIVES AND ATTACHMENTS

	Order code	Model	Chuck description	Speed rpm	Cannulation Ø mm
<b>DRILL ATTACHMENTS</b>					
	16670	DU-470	0.5 - 4.0 mm (5/32") Keyed	0 - 1350	4.1
	16680	DU-470	0.5 - 7.4 mm (1/4") Keyed	0 - 1350	4.2
	16690	DU-470	0.3 - 3.0 mm (1/8") Keyless	0 - 1350	3.0
	16700	DU-470	0.3 - 7.4 mm (1/4") Keyless	0 - 1350	4.2
<b>QUICK RELEASE DRILLING ATTACHMENTS</b>					
	16710	DU-470	A.O. Synthes/ASIF	0 - 1350	2.5
	16720	DU-470	Hudson/Zimmer	0 - 1350	4.2
	16730	DU-470	Trinkle	0 - 1350	4.2
	19590	DU-470	DHS/DCS	0 - 1350	4.2
	20260	DU-470	Aesculap	0 - 1350	-
	16740	QU-470	Medium speed drill ISO 1797 Type 1	0 - 4500	-
<b>HIGH SPEED BUR</b>					
	19440	BU-472	High speed bur - Uses R Series burs	0 - 27000	-
			Standard bur guard Order code 18720		
			Long bur guard Order code 18730		
			Extra long bur guard Order code 18740		
<b>REAMING ATTACHMENTS</b>					
	16750	RU-470	0.5 - 7.4 mm (1/4")	0 - 350	4.2
	17750	RU-471	0.5 - 7.4 mm (1/4") - non reversible	0 - 350	4.2
	16760	RU-470	A.O. Synthes	0 - 350	4.2
	17740	RU-471	A.O. Synthes - non reversible	0 - 350	4.2
	16770	RU-470	Hudson/Zimmer	0 - 350	4.2
	19340	RU-470	DHS/DCS	0 - 350	4.2
	17490	RU-470	Hudson	0 - 350	4.2
	17760	RU-471	Hudson - non reversible	0 - 350	4.2
	17500	RU-470	Zimmer	0 - 350	4.2
	17760	RU-471	Zimmer - non reversible	0 - 350	4.2
<b>SAWING ATTACHMENTS</b>					
	18700	SU-471	Button release sagittal saw (non rotating) Uses S86 type blades	0 - 22000	-
	18260	SU-472	Button release sagittal saw (rotating) Uses S86 type blades	0 - 22000	-
	16790	NU-470	Quick release sagittal saw Uses S88-1XX blades	0 - 20500	-
	19520	NU-472	High speed sagittal saw (gold) Uses S88-1XX blades	0 - 24300	-
	18070	NU-471	Quick release sagittal saw Uses S88-1XX & S88-4XX blades	0 - 15000	-
	16800	CU-470	Small reciprocating saw Uses S92 type blades	0 - 8000	-
	16810	CU-471	Large reciprocating saw Uses S22 type blades	0 - 7000	-
<b>PULSE LAVAGE ATTACHMENT</b>					
	16820	LU-470	Pulse lavage attachment Uses P30-7XX series pump kits	0 - 1350 pulses/min	-
<b>TORQUE LIMITERS</b>					
	16860	TU-404	0.4 Nm	0 - 350	-
	16870	TU-408	0.8 Nm	0 - 350	-
	16880	TU-415	1.5 Nm	0 - 350	-
<b>RADIOLUCENT DRILL ADAPTOR</b>					
	16830	TU-470	Accepts A.O. radiolucent drill attachment Order code 17710	0 - 1350	-
<b>WIRE/PIN DRIVERS</b>					
	17180	WU-471	0.7 - 4.0 mm capacity	0 - 1350	4.0
	16840	WU-470	0.6 - 1.8 mm capacity	0 - 1350	1.8
	16850	PU-470	1.8 - 3.2 mm capacity	0 - 1350	3.2

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	-	-	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	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 ASEPTIC 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 when compared to 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.



### 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	-	-

## LITHIUM ION STERILE BATTERIES



### SMALL BATTERY



Model	Order code	Voltage	Capacity mAh
SB-703	17210	13,2V	1100

### LARGE BATTERY



Model	Order code	Voltage	Capacity mAh
SB-704	17220	13,2V	2500

## CORDED DIRECT POWER



**PS-701 POWER SUPPLY**  
Order code 17870

Connected to MBU-470 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

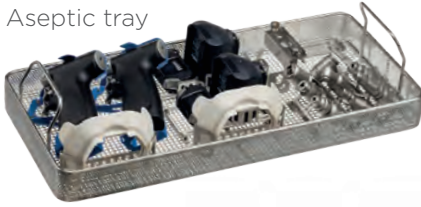
UK	8290
Euro	8300
US/Canada	8310
Australia/New Zealand	8320
Swiss	14700

CM-700  
Corded module  
Order code  
15720



# STERILISATION CONTAINERS

Aseptic tray



Sterile tray



## ASEPTIC BATTERY STERILISATION SYSTEM

Set up - optional tray contents	Standard wire container and insert tray	Standard insert tray
22 off MBU handpieces 9 off attachments 2 off aseptic battery housings and shields	Order code 18140	Order code 18060
1 off MBU handpiece 9 off attachments 1 off aseptic battery housing and shield	19130	19030

## STERILE BATTERY STERILISATION SYSTEM

Set up - optional tray contents	Standard wire container and insert tray	Standard insert tray
2 off MBU handpieces 9 off attachments 2 off sterile batteries	Order code 16940	Order code 16980
1 off MBU handpiece 9 off attachments 1 off sterile battery	19150	19050

## STANDARD WIRE CONTAINER

Order code 19010  
Accepts standard insert tray

## HALF SIZE STERILISATION SYSTEM

Set up - optional tray contents	Half wire container and insert tray	Half size insert tray
1 off MBU handpiece 6 off attachments 1 off aseptic battery housing and shield	Order code 19210	Order code 19190
2 off SB-70x batteries	17390	17400

## 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

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



PTFE filter cassette  
Order code 671073

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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.