

deSoutter
MEDICAL

Complete power, precision and quality



traumadrive™

www.de-soutter.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

MBU-470
Fitted with
A.O. drill chuck



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.

HANDPIECE SPECIFICATION

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





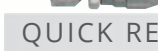





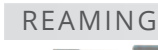






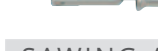










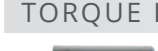








SAGITTAL SAW HANDPIECE SPECIFICATION

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 mm
DRILL ATTACHMENTS					
	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
QUICK RELEASE DRILLING ATTACHMENTS					
	16710	DU-470	A.O. Synthes/ASIF	0 - 1350	2.1
	16720	DU-470	Hudson/Zimmer	0 - 1350	4.2
	16730	DU-470	Trinkle	0 - 1350	4.2
	16740	QU-470	Medium speed drill ISO 6360 QR	0 - 4500	-
HIGH SPEED BUR					
	16910	BU-470	High speed bur - Uses R Series burs	0 - 27000	-
			 Long bur guard Order code 14810		
			 Extra long bur guard Order code 14820		
REAMING ATTACHMENTS					
	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 - 380	4.2
	16760	RU-470	A.O. Synthes	0 - 350	4.2
	17740	RU-471	A.O. Synthes - non reversible	0 - 380	4.2
	16770	RU-470	Hudson/Zimmer	0 - 350	4.2
	17370	RU-470	DHS	0 - 350	4.2
	17490	RU-470	Hudson	0 - 350	4.2
	17760	RU-471	Hudson - non reversible	0 - 380	4.2
	17500	RU-470	Zimmer	0 - 350	4.2
	17770	RU-471	Zimmer - non reversible	0 - 380	4.2
SAWING ATTACHMENTS					
	18700	SU-471	Button release sagittal saw (non rotating) Uses S86 type blades	0 - 22000 cpm	-
	18260	SU-472	Button release sagittal saw (rotating) Uses S86 type blades	0 - 22000 cpm	-
	16790	NU-470	Quick release sagittal saw Uses S88 type blades	0 - 20500 cpm	-
	18070	NU-471	Quick release sagittal saw Uses S88 extra large type blades	0 - 15000 cpm	-
	16800	CU-470	Small reciprocating saw Uses S92 type blades	0 - 8000 cpm	-
	16810	CU-471	Large reciprocating saw Uses S22 type blades	0 - 7000 cpm	-
PULSE LAVAGE ATTACHMENT					
	16820	LU-470	Pulse lavage attachment Uses P20-7XX series pump kits	0 - 1350 pulses/min	-
TORQUE LIMITERS					
	16860	TU-404	0.4 Nm	0 - 350	-
	16870	TU-408	0.8 Nm	0 - 350	-
	16880	TU-415	1.5 Nm	0 - 350	-
RADIOLUCENT DRILL ADAPTOR					
	16830	TU-470	Accepts A.O. radiolucent drill attachment Order code 17710	0 - 1350	-
WIRE/PIN DRIVERS					
	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. It 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

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 by around 40% when compared to equivalent NiMH or NiCd 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.



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	-	-

STERILE LITHIUM ION 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 slimline 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

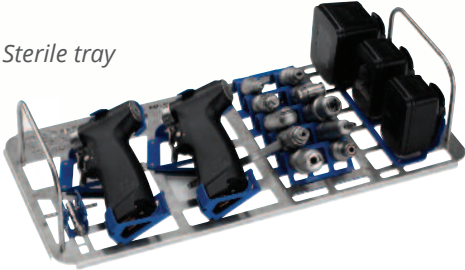


STERILISATION CONTAINERS

Aseptic tray



Sterile tray



ASEPTIC BATTERY STERILISATION SYSTEM

Set up	Container and insert tray Order code	Insert tray Order code
2 off MBU/DBN handpieces plus 10 attachments	18140	18060

STERILE BATTERY STERILISATION SYSTEM

Set up	Container and insert tray Order code	Insert tray Order code
2 off MBU/DBN handpieces plus 10 attachments	16940	16980

STANDARD CONTAINER

Aluminium container, aluminium lid.
Size: 538 mm x 254 mm x 142 mm.
DIN compatible.

Lid - Order code 630843
Base - Order code 630833

WIRE CONTAINER

Order code 655073

Accepts both sterile and aseptic insert trays.

STERILE FILTERED CONTAINER

Order code 17410
Accepts standard container and tray.

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



BATTERY STERILISATION BASKET

For SB-703/SB-704 Batteries
Order code 17390

Battery insert tray
Order code 17400.

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