

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 sterile 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

- 10.8V NiMH 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












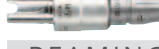
















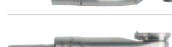










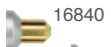

SAGITTAL SAW HANDPIECE SPECIFICATION

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
	19590	DU-470	DHS/DCS	0 - 1350	4.2
	20260	DU-470	Aesculap	0 - 1350	4.2
	16740	QU-470	Medium speed drill ISO 1797 Type 1	0 - 4500	-
HIGH SPEED BUR					
	19440	BU-470	Low 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		
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 - 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
	17770	RU-471	Zimmer - non reversible	0 - 350	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 S88-1XX blades	0 - 20500 cpm	-
	19520	NU-472	High speed sagittal saw Uses S88-1XX blades	0 - 24300 cpm	-
	18070	NU-471	Quick release sagittal saw Uses S88-4XX 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 - 1350	-
	16870	TU-408	0.8 Nm	0 - 1350	-
	16880	TU-415	1.5 Nm	0 - 1350	-
RADIOLOGENT 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

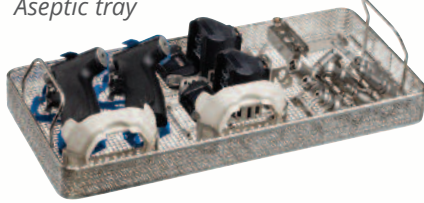
CM-700
Corded module
Order code
15720



STERILISATION CONTAINERS

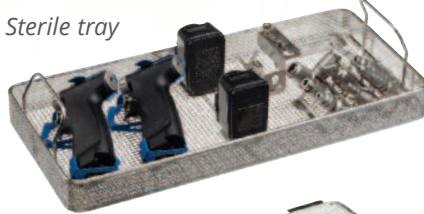
ASEPTIC BATTERY STERILISATION SYSTEM

Aseptic tray



Set up - optional tray contents	Standard wire container and insert tray	Insert tray
2 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	Order code 19130	Order code 19030

Sterile tray



STERILE BATTERY STERILISATION SYSTEM

Set up - optional tray contents	Half size wire container and insert tray	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	Order code 19150	Order code 19050



STANDARD WIRE CONTAINER

Order code 19010
Accepts standard sterile or aseptic insert trays

HALF SIZE STERILISATION SYSTEM

Set up - optional tray contents	Half size 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	Order code 17390	Order code 17400



HALF SIZE WIRE CONTAINER

Order code 19000
Accepts half size insert trays

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



PTFE filter cassette
Order code 671073

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