

traumadrive™



MBU-470

MODULAR ELECTRIC SYSTEM

deSouther
MEDICAL

MBU MODULAR ELECTRIC SYSTEM

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



Advanced function control provides the following operating features.

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



Range of battery options and corded power offers total OR flexibility.

- 10.8V or 14.4V NiMH aseptic batteries.
- 13.2V Li-Ion sterile batteries.
- 10.8V or 14.4V NiMH sterile batteries.
- Corded direct power.



Unique Li-ION battery fuel gauge indicates battery capacity








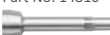
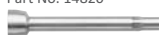










HANDPIECE SPECIFICATION

Model	Order Code	High speed	Low speed	Cannulation	Power options
MBU-470	1288884	0 - 1350 rpm	0 - 200 rpm	4.2 mm	See pages 5 to 7 for batteries and corded module



MBU ATTACHMENTS

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	Order Code	Chuck Description	Model	Speed rpm	Cannulation mm
KEYED DRILL ATTACHMENTS					
	16670	0 - 4.0 mm (5/32")	DU-470	0 - 1350	4.1
	16680	0 - 7.4 mm (1/4")	DU-470	0 - 1350	4.2
KEYLESS DRILL ATTACHMENTS					
	16690	0 - 3.2 mm (1/8")	DU-470	0 - 1350	3.2
	16700	0.8 - 7.4 mm (1/4")	DU-470	0 - 1350	4.2
QUICK RELEASE DRILLING ATTACHMENTS					
	16710	A.O. Synthes/ASIF	DU-470	0 - 1350	2.1
	16720	Hudson/Zimmer	DU-470	0 - 1350	4.2
	16730	Trinkle	DU-470	0 - 1350	4.2
	16740	Medium speed drill ISO 6360 QR	QU-470	0 - 4500	-
HIGH SPEED BUR					
 Long bur guard Part No. 14810  Extra long bur guard Part No. 14820 	16910	High speed bur Uses R Series burs	BU-470	0 - 27000	-
REAMING ATTACHMENTS					
	16750	0 - 6.35 mm	RU-470	0 - 350	4.2
	16760	A.O. Synthes	RU-470	0 - 350	4.2
	16770	Hudson/Zimmer	RU-470	0 - 350	4.2
SAWING ATTACHMENTS					
	16780	Mini sagittal saw Uses S85 type blades	SU-470	0 - 22000 cpm	-
	16790	Quick release sagittal saw Uses S88 type blades	NU-470	0 - 24500 cpm	-
	16800	Small reciprocating saw Uses S92 type blades	CU-470	0 - 8000 cpm	-
	16810	Large reciprocating saw Uses S22 type blades	CU-471	0 - 7000 cpm	-
PULSE LAVAGE ATTACHMENT					
	16820	Pulse lavage attachment Uses P20-7XX series pump kits	LU-470	0 - 1350 pulses/min	-
RADIOLOUCENT DRILL ADAPTOR					
	16830	Accepts A.O. radiolucent drill attachment	TU-470	0 - 1350	-
WIRE/PIN DRIVERS					
 17180  16840  16850	17180	0.8 - 4.0 mm capacity	WU-471	0 - 1350	4.0
	16840	0.6 - 1.8 mm capacity	WU-470	0 - 1350	1.8
	16850	1.8 - 3.2 mm capacity	PU-470	0 - 1350	3.2

Ask for Stericut™ catalogue for range of sterile packed saw blades, drill bits, rotary burs and K wires.

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BC-700 BATTERY CHARGER



BC-700 Battery charger shown with aseptic batteries.

The BC-700 Battery Charger requires minimal user input. Insert battery and the BC-700 will charge, recover and recondition it to an optimum state.

The large touch-screen display with intuitive menu navigation, displays instant battery charge status and condition. It also 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, when applicable, to provide optimal capacity. Alternatively, a manual healthcheck can be easily selected.

The BC-700 Battery Charger accepts all De Soutter Medical batteries, ensuring product compatibility.

BC-700 CHARGER OPTIONS

Order Code	Description	For battery type
15700	Without charger modules fitted	-
16200	With 4-off CA-702 charger modules	AB-450*
*CA-450 charging adaptor required		
16210	With 4-off CA-701 charger modules	AB-701/AB-702
16220	With 4-off CA-700 charger modules	SB-701/SB-702 SB-703/SB-704

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/New Zealand	Order Code: 8320

CHARGER MODULES

The BC-700 charger modules can be quickly and easily changed to suit the batteries being charged.

Model	Order Code	For battery type
CA-700	15750	SB-701/SB-702 SB-703/SB-704
CA-701	15760	AB-701/AB-702
CA-702	15770	AB-450*
* CA-450 charging adaptor required		







STERILE BATTERIES

Why choose Lithium Ion battery technology

De Soutter Medical Lithium Ion **Nanophosphate®** batteries offer the surgical team and sterile services a number of tangible benefits over conventional sterile battery technology.

Key advantages are:

- Li-Ion technology improves battery 'capacity to weight' ratio by around 100% when compared to NiMH or NiCd chemistries.
- Significantly extends the useable run time of the power tool.
- Offers prolonged shelf life of a charged battery, whilst eliminating 'memory effect' normally associated with other battery types.
- De Soutter Li-Ion technology readily withstands repeated machine washing and autoclaving.
- Unique **fuel gauge** incorporated within De Soutter Li-Ion batteries allows the surgical team to instantly assess the battery capacity - both before and during use.

	Model	Description	Order Code	Voltage	Capacity mAh
LITHIUM ION STERILE BATTERIES - withstand full cycle autoclaving					
	SB-703	Small battery	16920	13.2	1100
	SB-704	Large battery	16930	13.2	2500
CONVENTIONAL NiMH STERILE BATTERIES - only withstand flash sterilisation					
	SB-701	Medium battery	15870	10.8	1950
	SB-702	Large battery	15880	14.4	1950

















BC-700 Battery charger shown with sterile batteries.



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ASEPTIC BATTERIES

	Model	Description	Order Code	Voltage NiMH	Capacity mAh	
SMALL BATTERY						
	AB-450	Battery pack	14510	10.8	1000	<p>The simple aseptic battery techniques ensure optimal battery condition is maintained for longer.</p>
	AH-700	Aseptic housing	16140	-	-	
	AS-700	Aseptic shield	16150	-	-	
MEDIUM BATTERY						
	AB-701	Battery pack	15340	10.8	1950	<p>Loading and replacing an aseptic battery pack</p>
	AH-701	Aseptic housing	15670	-	-	 <p>Sterile nurse places sterile shield onto the battery housing.</p>
	AS-701	Aseptic shield	15890	-	-	 <p>With sterile nurse holding handpiece, circulating nurse places battery through shield into the battery housing.</p>
LARGE BATTERY						
	AB-702	Battery pack	15350	14.4	1950	 <p>With sterile nurse holding handpiece, circulating nurse removes sterile shield from battery housing.</p>
	AH-702	Aseptic housing	15680	-	-	 <p>Sterile nurse closes lid, taking care not to touch non sterile battery, and locks by turning housing lock fully clockwise.</p>
	AS-702	Aseptic shield	15900	-	-	 <p>Once locked, the green 'locked' indicator is fully visible through slot in the locking catch.</p>

CORDED DIRECT POWER



PS-700 Power supply

Connected to MBU-470 via corded module.

No set up required. Simply connect to the CM-700 Corded Module for instant use. The PS-700 offers complete system versatility providing compatibility with De Souther Medical 600 series handpieces.

PS-700 Power Supply

Order Code 15710

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



**CM-700
Corded module**
Order Code 15720

STERILISATION CONTAINERS

STANDARD CONTAINER

Description	Optional tray contents maximum quantities	
	Aseptic	Sterile
MBU-470	2 off	2 off
AH-702/701/700 aseptic battery housings	2 off	-
AS-702/701/700 sterile shields	2 off	-
SB-704/703/702/ 701 sterile batteries	-	3 off
Attachments	10 off	10 off
Insert tray only - Order Code	16970	16980
Container and insert tray - Order Code	16380	16940

Materials: Aluminium container, aluminium lid and stainless steel insert tray.

WIRE CONTAINER

Wire container only - Order Code

655073	Will accept all insert trays from standard container chart
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Materials: Stainless steel container and stainless steel lid.

Size: 538 mm x 254 mm x 142 mm.

DIN compatible.



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

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