

deSouther
MEDICAL



VdriveTM

“BEST IN CLASS POWER TO WEIGHT RATIO”

THE ULTIMATE IN PERFORMANCE VETERINARY POWER TOOLS



THE Vdrive™ SYSTEM

Since the development of the first Slocum TPLO saw, in partnership with Dr Barclay Slocum DVM, the De Soutter Medical Veterinary range is now recognised as being the best in its class.

Our Vdrive™ veterinary range is lightweight and fully modular, and comprises a large and small bone system which share a common battery platform. The V-MBQ is suitable for large bone surgery, with a uniquely reliable TPLO attachment. Whilst the V-MBU is equally suitable for small bone surgery.

We are pleased to be introducing our elegant straight case TPLO saw with its unique dual position trigger function, enabling complete flexibility of grip.

A range of aseptic and sterile batteries with Li-Ion technology ensures a class-leading power to weight ratio.



Vdrive™ V-MBU

SMALL BONE POWERED INSTRUMENT RANGE



V-MBU-470

Fitted with wire driver attachment

ADVANCED FUNCTION CONTROLS

- High speed and oscillating drilling.
- Low speed drilling, screw driving and tapping.
- Torque limiting for screw driving.
- 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.











V-MBU SYSTEM


HANDPIECE





| ORDER CODE | MODEL | DESCRIPTION | SPEED (rpm) |
|------------|-----------|--------------|-------------|
| 1292444 | V-MBU-470 | Twin Trigger | 0 - 1350 |

ATTACHMENTS

| | ORDER CODE | MODEL | DESCRIPTION | SPEED (rpm) | CANNULATION Ø mm |
|--|------------|--|--|---|------------------|
|  | 18780 | V-DU-470 | 0.5 - 4.0 mm (5/32") Keyed | 0 - 1350 | 4.1 |
| | 18770 | V-DU-470 | 0.5 - 7.4 mm (1/4") Keyed | 0 - 1350 | 4.2 |
|  | 18800 | V-DU-470 | A.O. Synthes/ASIF | 0 - 1350 | 2.55 |
|  | 18790 | V-DU-470 | Hudson/Zimmer | 0 - 1350 | 4.2 |
|  | 19480 | V-BU-472 | High speed bur Uses R Series burs | 0 - 27000 | - |
|  Standard bur guard Order code 19490 | |  Long bur guard Order code 19500 | |  Extra long bur guard Order code 19510 | |
|  | 18840 | V-RU-470 | Hudson/Zimmer | 0 - 350 | 4.2 |
| | 18830 | V-RU-470 | A.O. Synthes | 0 - 350 | 4.2 |
|  | 18820 | V-RU-470 | 0.5 - 7.4 mm (1/4") | 0 - 350 | 4.2 |
|  | 18870 | V-SU-470 | Mini Sagittal saw Uses S85 type blades | 0 - 22000 cpm | - |
|  | 18880 | V-NU-470 | Quick release sagittal saw Uses S88 type blades | 0 - 20500 cpm | - |
|  | 18890 | V-CU-470 | Small reciprocating saw Uses S92 type blades | 0 - 8000 cpm | - |

| | |
|---|---|
|  | ORDER CODE 18910 |
| | MODEL V-WU-471 |
| | DESCRIPTION 0.7 - 4.0 mm capacity |
| | SPEED (rpm) 0 - 1350 |
| | CANNULATION Ø mm 4.0 |

| | |
|---|---|
|  | ORDER CODE 18900 |
| | MODEL V-WU-470 |
| | DESCRIPTION 0.6 - 1.8 mm capacity |
| | SPEED (rpm) 0 - 1350 |
| | CANNULATION Ø mm 1.8 |

| | |
|---|---|
|  | ORDER CODE 18920 |
| | MODEL V-PU-470 |
| | DESCRIPTION 1.8 - 3.2 mm capacity |
| | SPEED (rpm) 0 - 1350 |
| | CANNULATION Ø mm 3.2 |

Vdrive™ V-MBQ

LARGE BONE POWERED INSTRUMENT RANGE





V-MBQ-707

Fitted with slocum saw attachment and Jacobs drill.

ADVANCED FUNCTION CONTROLS

- A single handpiece will cover all large bone veterinary procedures with its comprehensive range of attachments.
- Mode selector button with mechanical safety lock.
- Both double and single trigger options available giving total flexibility.

HANDPIECE SPECIFICATION

| | ORDER CODE | MODEL | DESCRIPTION | SPEED (rpm) |
|---|------------|-----------|----------------|-------------|
|  | 1291774 | V-MBQ-707 | Single Trigger | 0 - 1350 |
|  | 1291884 | V-MBQ-708 | Twin Trigger | 0 - 1350 |
| * only to be used with De Soutter Medical V-MBQ attachments | | | | |


STRAIGHT CASE SYSTEM



DEDICATED HANDPIECE SPECIFICATION

| | ORDER CODE | MODEL | DESCRIPTION | SPEED (cpm) |
|---|------------|-----------|---|-------------|
|  | 1293884 | V-DBO-800 | Dedicated straight case TPLO saw Uses De Soutter Medical R series blade * Also accepts Synthes® blades Wrench order code 21150 | 0 - 13500 |

MODULAR HANDPIECE SPECIFICATION

| | ORDER CODE | MODEL | DESCRIPTION | SPEED (rpm) |
|---|------------|------------|---|-------------|
|  | 1293774 | V-MBQ-807* | Modular straight case handpiece * To be used with De Soutter Medical V-MBQ attachments | 0 - 1350 |

V-MBQ ATTACHMENTS

| | ORDER CODE | MODEL | DESCRIPTION | SPEED (rpm) | CANNULATION Ø MM |
|---|------------|-----------|---|---------------|------------------|
|  | 18320 | V-DQ-708 | 0.5 - 6.4 mm (1/4") keyed | 0 - 1350 | 4.4 |
|  | 18330 | V-DQ-708 | Small A.O Synthes/ASIF | 0 - 1350 | 2.55 |
|  | 18440 | V-RQ-708 | 0.5 - 6.4 mm (1/4") keyed | 0 - 330 | 4.4 |
|  | 18290 | V-KQ-707 | Sagittal saw Uses S89 type blades | 0 - 13500 cpm | |
|  | 18300 | V-NQ-707 | Small sagittal saw Uses S88 type blades | 0 - 20000 cpm | |
|  | 18690 | V-OQ-708* | TPLO oscillating saw Uses De Soutter Medical R series blade * Also accepts Synthes® blades Wrench order code 21150 | 0 - 13500 cpm | |
| | 18270 | V-OQ-708 | TPLO oscillating saw Uses Slocum blades | 0 - 13500 cpm | |
|  | 18310 | V-WQ-707 | 0.7 - 4.0 mm wire capacity | 0 - 1350 | 4.0 |

BATTERY AND ELECTRICAL COMPONENTS



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, including:

- Li-Ion technology improves battery 'capacity to weight' ratio when compared to NiMH or NiCad chemistries.
- Significantly extends the usable run time of the power tool.
- Eliminates 'memory effect' normally associated with other battery types.
- 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.



STERILE BATTERIES - LI-ION

| | ORDER CODE | MODEL | DESCRIPTION | VOLTAGE | CAPACITY (mAh) |
|---|------------|--------|---------------|---------|----------------|
|  | 17210 | SB-703 | Small battery | 13.2V | 1100 |
|  | 17220 | SB-704 | Large battery | 13.2V | 2500 |

ASEPTIC BATTERIES

SMALL BATTERY



Battery pack



Battery housing



Battery shield

| ORDER CODE | MODEL | DESCRIPTION | VOLTAGE | CAPACITY (mAh) |
|------------|----------|-----------------|---------|----------------|
| 17910 | AB-703 | Battery pack | 10.95V | 2000 |
| 18850 | V-AH-703 | Battery housing | - | - |
| 18100 | AS-703 | Battery shield | - | - |

LARGE BATTERY



Battery pack



Battery housing



Battery shield

| ORDER CODE | MODEL | DESCRIPTION | VOLTAGE | CAPACITY (mAh) |
|------------|----------|-----------------|---------|----------------|
| 17920 | AB-704 | Battery pack | 14.6V | 2000 |
| 18860 | V-AH-704 | Battery housing | - | - |
| 18110 | AS-704 | Battery shield | - | - |


BATTERY AND ELECTRICAL COMPONENTS

BC-700 MULTI BAY CHARGER AND MODULE OPTIONS

| CHARGER ORDER CODE | CHARGER MODULE DESCRIPTION | CHARGER MODULE ORDER CODE | FOR BATTERY TYPE |
|--------------------|-----------------------------------|---------------------------|------------------|
| 15700 | Without charger module fitted | | |
| 16230 | With 4-off CA-703 charger modules | 18120 | AB-703 / AB-704 |
| 16220 | With 4-off CA-700 charger modules | 15750 | SB-703 / SB-704 |



SINGLE BAY CHARGERS

| | ORDER CODE | MODEL | FOR BATTERY TYPE |
|---|------------|--------|------------------|
|  | 17990 | BC-706 | SB-703/SB-704 |
| | 18000 | BC-707 | AB-703 |
| | 18010 | BC-708 | AB-704 |

MAINS CABLES

Mains power, 3 metres long

| ORDER CODE | COUNTRY |
|------------|-------------------------|
| 8290 | UK |
| 8300 | Euro |
| 8310 | US / Canada |
| 8320 | Australia / New Zealand |
| 14700 | Swiss |

BC-700 BATTERY CHARGER

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.



TPLO SAW BLADES

De Soutter Medical manufactured TPLO saw blades offer a range of advantages;

- Thinner blades - reduces weight, vibration and requires less cutting force
- Reduced cut thickness - minimises heat gain
- A sharper blade lasts longer
- Tooth offset improves cutting performance
- Tapered hub design reduces vibration and eliminates risk of blade coming undone
- Simple single captive screw makes fitting easier










BLADE RANGE / PART NO.

| Radius | Length 45mm | | | | | Length 50mm | |
|--------------|-------------|-------|-------|-------|-------|-------------|-------|
| | 12 | 15 | 18 | 21 | 24 | 27 | 30 |
| DSM/Synthes® | 20160 | 20170 | 20180 | 20190 | 20200 | 20210 | 20220 |

Synthes® is a registered trademark of Synthes-Stratec. De Soutter Medical are not associated with the Synthes® trademark.

STERILISATION

| SYSTEM | | Half size Container & insert tray Order code | Half size Insert tray Order code |
|---|---|---|--|
|  | V-MBU ASEPTIC | 19210 | 19190 |
|  | V-MBQ-70X ASEPTIC | 19230 | 19220 |
|  | V-MBQ-807 ASEPTIC | 20430 | 20380 |
|  | UNIVERSAL | 19000 | 667923 |
|  | Sterile filtered container Accepts half size wire insert tray Order code: 19370 |  | 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 |
| | | | Lid gasket Order code: 669903 |

CORDLESS BATTERY POWERED SAW



SAW SPECIFICATION



| ORDER CODE | MODEL | VOLTAGE | OSCILLATING SPEED (CPM) | WEIGHT (GRAMS) |
|------------|---------|----------|-------------------------|----------------|
| 1286224 | CSB-100 | 10.8 Vdc | 16000 | 1050 |

Supplied with saw blade part no. 6250.

BATTERY AND BATTERY CHARGER

| ORDER CODE | MODEL | VOLTAGE | SUPPLY FREQUENCY |
|---|--------|---------------|------------------|
|  15020 | BC-100 | 100 - 240 Vac | 50 - 60 Hz |
|  15010 | | 10.8 Vdc NiMH | |

CSB-100-A CAST SAW SYSTEM



| ORDER CODE | DESCRIPTION | ORDER CODE |
|------------|--------------------|------------|
| 1286774 | CSB-100 Saw | 1286224 |
| | CB-100 Battery x 2 | 15010 |
| | BC-100 Charger | 15020 |
| | Saw blade | 6250 |
| | Hexagon wrench | 204903 |
| | Carry case | 15030 |

CSB-100

The De Soutter Medical CSB-100 saw allows the user total freedom of movement, which is particularly useful for the veterinary profession where the cordless concept is the only practical and affordable solution.





“BEST IN CLASS POWER TO WEIGHT RATIO”

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