

TRAUMADRIVE™

TDZ-450 battery instrument system



The De Soutter TDZ 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.

TDZ-450 TraumaDrive™ System



MODULAR ATTACHMENTS

Drilling, reaming, sawing and wire driving.
See opposite for details.

TDZ-450 HANDPIECE

Advanced function control provides the following operating features.

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

Order code: 1286004 Speed: 0 - 1100 rpm



POWER OPTIONS

- 9.6Vdc NiMH aseptic battery system.
- 10.8Vdc NiMH aseptic battery system.
- 9.6Vdc NiCd sterile battery.
- 10.8Vdc NiMH sterile battery.
- Corded low voltage module system.

See back page for details.



STERILISATION CASE

Order code 14930

Accommodates two TDZ-450 handpieces, small and large aseptic battery housings, small and large aseptic shields and seven popular attachments.



MODULAR ATTACHMENTS

	Order code	Chuck Description	Type	Speed rpm	Cannulation mm
DRILLING ATTACHMENTS					
	14110	0 - 4 mm (5/32") Jacobs chuck	DZ-450	0 - 1100	3.1
	14240	0 - 6.35 mm (1/4") Jacobs chuck	DZ-450	0 - 1100	4.1
	14130	0 - 3.2 mm (1/8") keyless chuck	DZ-450	0 - 1100	2.4
	14120	0.8 - 6 mm (1/4") keyless chuck	DZ-450	0 - 1100	4.1
QUICK RELEASE DRILLING ATTACHMENTS					
	14140	A.O. Synthes™/ASIF quick release	DZ-450	0 - 1100	2.0
	15040	Hudson/Zimmer combi	DZ-450	0 - 1100	4.1
	15050	Trinkle	DZ-450	0 - 1100	4.1
REAMING ATTACHMENTS					
	14160	0 - 6.35 mm (1/4") Jacobs chuck	RZ-450	0 - 300	4.1
	14150	A.O Synthes/ASIF/PROTEK	RZ-450	0 - 300	4.1
	14170	Hudson/Zimmer	RZ-450	0 - 300	4.1
SAWING ATTACHMENTS					
	14210	Sagittal saw Uses S85 series saw blades. ¹⁾	SZ-450	0 - 18000	- cycles/min
	14230	Sagittal saw - quick release Uses S88 series saw blades ¹⁾	NZ-450	0 - 21000	- cycles/min
	14220	Reciprocating saw Uses S92 series saw blades ¹⁾	CZ-450	0 - 8000	- cycles/min
WIRE AND PIN DRIVERS					
	14260	Wire driver - gold nose	WZ-450	0 - 1100	0.6 - 1.8
	14270	Pin driver - silver nose	PZ-450	0 - 1100	1.8 - 3.2

See Stericut™ catalogue for full range of k-wires.

See Accessory Catalogue No. 162 for acetabular reamer shafts and shells.

¹⁾ See Stericut™ catalogue for full range of drills and saw blades.

ASEPTIC BATTERY SYSTEM

The simple aseptic battery technique ensures the packs are maintained and used in their optimal condition.

Battery management is readily supervised by the theatre staff as the battery charger can be safely placed within the OR.



AH-450
Aseptic Housing
Order Code 14520



AS-450
Sterile Shield
Order Code 14530



AB-450
10.8Vdc NiMH battery
Capacity 1000 mAh
Order Code 14510



AH-610
Aseptic Housing
Order Code 14430



AS-610
Sterile Shield
Order Code 14420



AB-600
9.6Vdc NiMH battery
Capacity 2100 mAh
Order Code 11520

Loading and replacing the sterile battery



Sterile scrub technician places sterile shield onto the aseptic battery housing.



Circulating nurse presses the non-sterile battery into the battery housing.



Circulating nurse removes the sterile shield.



Sterile scrub technician closes battery housing lid and secures.



Sterile scrub technician locks aseptic battery housing into the handpiece.

STERILE BATTERIES

The packs are specifically designed to withstand flash sterilisation techniques.

If flash sterilisation is not permissible (please check your market requirements) then the use of aseptic batteries is strongly recommended.



SB-450
10.8Vdc NiMH battery
Capacity 1000 mAh
Order Code 14500



SB-600
9.6Vdc NiCd battery
Capacity 1200 mAh
Order Code 11630

BC-610 BATTERY CHARGER

Order Code 14750

The BC-610 has a very small footprint and is designed to charge any four batteries.

A simple display panel allows the user to quickly establish the status of the charging cycle and the general condition of the battery by illuminating a series of indicator bars when it has completed its charging cycle.

Mains power cordsets - 3m long

UK Order Code: 8290
Euro Order Code: 8300
US/Canada Order Code: 8310
Australia/N Zealand Order Code: 8320
Swiss Order Code: 14700

Please specify option required.



CA-450
Battery charging adaptor.
For use with AB-450 battery.
Order Code 14540



CORDED DIRECT POWER

The compact, lightweight corded module slides into the bottom of the handpiece and is connected to the power supply via a small diameter 4 metre long cable.

The power supply has two handpiece outlet connections and features an overload indicator which aids the surgeon in achieving optimum cutting performance.



CM-600
Corded module.
Order Code 11620

PS-600
Power Supply 230 Vac input
Order Code 11610
Power Supply 120 Vac input
Order Code 11660

The PS-600 uses BC-610 battery charger mains power cord sets. See above for ordering information.



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MEDICAL

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