deSoutter MEDICAL



osteodrive®//

SIMPLICITY, CONTROL & PRECISION

www.de-soutter.com


desoutter MEDICAL
PC-472 power console
osteodrive™ II
minigrip™
osteodrive™ II

osteodrive®//

The osteodrive®// electric small bone range has been designed to provide seamless system intelligence and unrivalled customisable instrument performance.

The osteodrive®// unique attachment recognition simplifies user operation.

Improved hand piece balance and size.

Intelligent irrigation recognition allows easy set up, and unique magnetic nozzle mounts provide stable yet flexible use.



MCI MODULAR HANDPIECES

The De Soutter Medical osteodrive® *II* is a versatile modular electric instrument system for small bone surgery. The handpieces are powered by a high performance, dual socket power supply providing greater surgical control and precision.



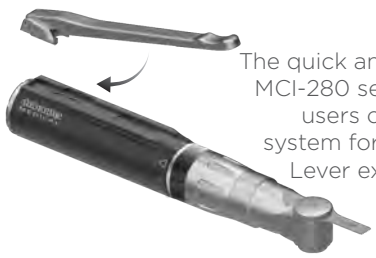
DCS-280
Dedicated sagittal saw



MCI-280
With rotary bur and detachable lever



MCI-280
With wire driver attachment



The quick and simple lever fitting for MCI-280 series handpieces ensures users can quickly assemble the system for any mode of operation. Lever extends for optimal finger positioning.



Lever control
Order code 20680

Model	Handpiece	Order code	Speed	
MCI-280	Modular straight case	1294664	0 - 35,000 rpm	
MCI-281	Hi-speed modular straight case	1294774	0 - 65,000 rpm	
DCS-280	Dedicated Sagittal Saw	1294884	0 - 27,000 cpm	

Foot pedal, minigrip™ or lever control. Power supply Via 4 metre cordset

MCI DRIVES AND ATTACHMENTS

DRILL ATTACHMENTS	Order code	Model	Description	Speed rpm
	20690	DI-280	0.5 - 4.0 mm (5/32") Keyed	0 - 1450
	20700	DI-280	Inline A.O.	0 - 1450
	21240	DI-281	Angled A.O.	0 - 1450
	20710	DI-280	Offset A.O. 2.4 mm cannulation	0 - 1450
	20720	DI-280	Offset Jacobs (5/32")	0 - 1450
	20730	QI-280	Medium speed drill ISO 1797 Type1	0 - 5000
BURS				
	21670	BI-280	Uses De Soutter Medical R Series burs (supplied with 19470 attachment holder)	0 - 40000
	21680	BI-287	Low Speed Bur. Uses R Series burs	0 - 9000
	21640	-	Standard bur guard	-
	21650	-	Long bur guard	-
	21660	-	Extra long bur guard	-
HIGH SPEED BURS				
	20630	BI-281	High speed Bur - Uses Heka series burs (supplied with 19470 attachment holder)	0 - 35,000
	20670	-	Standard bur guard 70mm - Uses C07 burs	-
	20660	-	Long bur guard 100mm - Uses C10 burs	-
	21520	-	Bur guard Metal Cutter - Uses D06 burs	-
ROTARY BURS				
	21410	EI-280	E-Drive	0 - 35000
	14940	AV-221	20° Contra-angle rotary bur 1:1*	-
	9770	AV-220	Standard length 20° rotary bur 1:1*	-
	9780	AV-220	Extended length 20° rotary bur 1:1*	-
			*Used with E-Drive. Uses 2.35mm R Series burs	
SAWING ATTACHMENTS				cpm
	20550	SI-280	Mini sagittal saw - Uses S86 saw blades	0 - 27000
	20760	NI-280	Large sagittal saw - Uses S88-1XX saw blades	0 - 22000
	21630	CI-280	Small reciprocating saw - Uses S83 saw blades	0 - 19420
	20780	OI-280	Oscillating saw - Uses S86 type blades	0 - 22000
	20790	OI-281	Oscillating saw - Uses S86-9XXX type blades	0 - 20000
WIRE DRIVERS				
	20800	WI-280	Angled wire driver Capacity 0.6 - 1.6 mm	0 - 1450
	20810	WI-281	In-line wire driver Capacity 0.6 - 1.6 mm	0 - 1450

Ask for Stericut® catalogue 2667 for our range of sterile packed saw blades, drill bits, and K wires and rotary bur catalogue 2677.

MCI minigrip™

The De Soutter Medical osteodrive® *II* minigrip™ is our latest innovation for the osteodrive® *II* system. With its small scale, surgeons can now simply switch between pencil and pistol grip control, offering the benefits of precise and dexterous control whilst not compromising on performance. The miniature handpiece fits in the palm of the hand perfectly, making it ideally suited for difficult to access surgeries.



Simply "click in" any combination of our pencil grip handpieces

Order code	20650	Works with MCI-280 and DCS-280



minigrip™

The osteodrive®*II* minigrip™ is a unique offering from De Soutter Medical which enhances the flexibility and ease of use of the system.

Adaptable

The minigrip™ can be used with all 280 series handpieces - both dedicated and modular types.

Pencil grip tools can quickly and easily convert from footswitch to lever control, to pistol grip and back again.





Ergonomics

A compact alternative to a traditional pistol grip tool. The ergonomics work particularly well for extremity surgery, where precision control of the tool is required and trigger control is preferrable.

Compact

Perfect for precise wiring procedures when levers can at times hinder access.

Load & Click

Simply load the handpiece on the minigrip™ handle until a click is heard. The tool is now ready to use, with the same functionality of a traditional pistol grip tool.



MCU MODULAR HANDPIECES



MCU-480
With quick release
drill attachment

MCU-480
With quick release
sagittal saw attachment

Handpiece	Order code	Speed	Cannulation	Power supply
MCU-480	1295004	0 - 1350 rpm	4.2 mm	Via 4 metre cordset



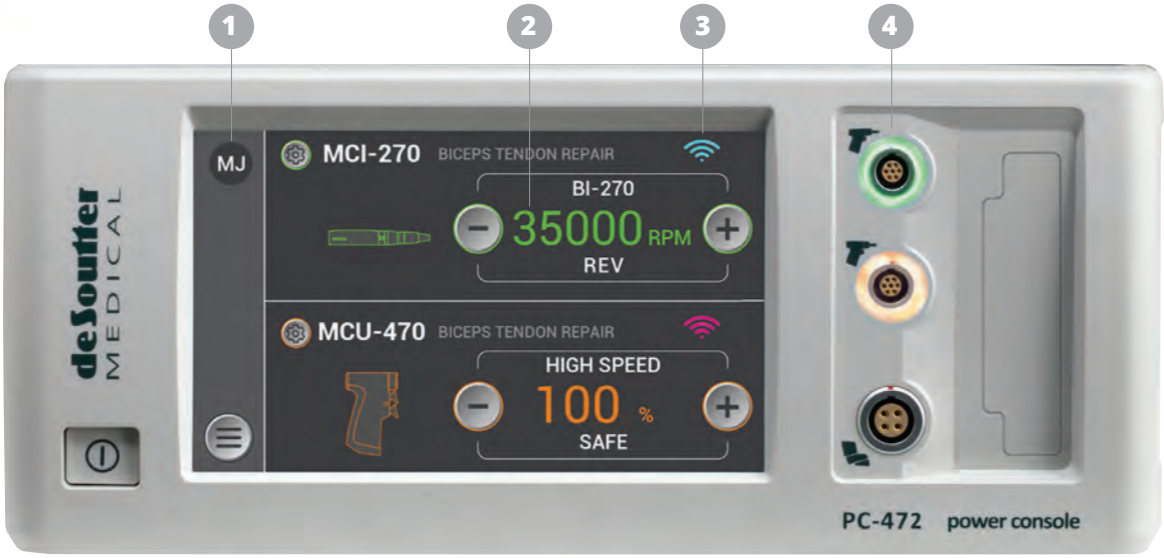
MCU DRIVES AND ATTACHMENTS

	Order code	Model	Chuck description	Speed rpm	Cannulation Ø mm
DRILL ATTACHMENTS					
	20820	DU-480	0.5 - 4.0 mm (5/32") Keyed	0 - 1350	4.1
	20830	DU-480	0.5 - 7.4 mm (1/4") Keyed	0 - 1350	4.2
	20840	DU-480	0.3 - 3.0 mm (1/8") Keyless	0 - 1350	3.0
	20850	DU-480	0.3 - 7.4 mm (1/4") Keyless	0 - 1350	4.2
QUICK RELEASE DRILLING ATTACHMENTS					
	20860	DU-480	A.O. Synthes/ASIF	0 - 1350	2.5
	20870	DU-480	Hudson/Zimmer	0 - 1350	4.2
	20900	QU-480	Medium speed drill ISO 1797 Type 1	0 - 4500	-
HIGH SPEED BUR					
	20980	BU-480	High speed bur - Uses R Series burs	0 - 27000	-
			Standard bur guard Order code 21640		
			Long bur guard Order code 21650		
			Extra long bur guard Order code 21660		
REAMING ATTACHMENTS					
	20920	RU-480	A.O. Synthes	0 - 350	4.2
	20930	RU-480	Hudson/Zimmer	0 - 350	4.2
	20960	RU-480	DHS/DCS	0 - 350	4.2
HIGH TORQUE REAMER					
	20610	HU-480	High Torque Reamer DHS/DCS	0 - 285	4.2
SAWING ATTACHMENTS				cpm	
	20570	SU-480	Button release sagittal saw (non rotating) Uses S86 type blades	0 - 22000	-
	20620	SU-481	Button release sagittal saw (rotating) Uses S86 type blades	0 - 22000	-
	20990	NU-480	Quick release sagittal saw Uses S88-1XX blades	0 - 20500	-
	21010	NU-482	High speed sagittal saw (gold) Uses S88-1XX blades	0 - 24300	-
	21000	NU-481	Quick release sagittal saw Uses S88-1XX & S88-4XX blades	0 - 15000	-
	20580	CU-480	Reciprocating saw Uses S83 type blades	0 - 14000	-
	20300	OU-480	Oscillating saw Uses S86-9xxx type blades	0 - 20000	-
WIRE/PIN DRIVERS					
	21720	WU-481	0.7 - 4.0 mm capacity	0 - 1350	4.0
	21710	WU-480	0.6 - 1.8 mm capacity	0 - 1350	1.8
	21730	PU-480	1.8 - 3.2 mm capacity	0 - 1350	3.2

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POWER CONSOLES

The osteodrive® // power console range provides a step change in performance for the end user



- Simultaneous dual handpiece operation.
- Compatible with a range of systems already on-site, ensuring cost containment and reducing the need for multiple power sources.
- On-site upgrades are easily and quickly performed using the USB port
- Audible safety mode.



1 Customisable

200+ user profiles can be stored and are easily accessed
Multi language options



2 Tailored Performance

Adjustable acceleration, braking and torque allows precise user control for every specific case



3 Ease of use

Wireless foot pedal control ensures efficient operation
Large 7" colour touch screen



4 Intuitive design

Ports illuminate to clearly indicate tool status to all OR staff
Attachment recognition communicates tool status

POWER CONSOLES

	Model	Description	Order code
	PC-472	Advanced power console with irrigation * Bag support included	19090
	PC-471	Advanced power console	19080
	PC-470	Basic 'plug & play' power console	18050



4 metre cable for connecting handpiece to Power Console
Order code 18570

Mains power cordsets - 3 metres long.
Options include -

	Order code
UK	8290
Euro	8300
US/Canada	8310
Australia/ Zealand	8320
Swiss	14700
Brazil	21340

FS-27X FOOT PEDALS

With three options of foot pedal, every function is available from wireless control to full capability across our small bone power range.

Description	Model	Order code
Foot pedal - wired	FS-270	18580
Foot pedal - wireless	FS-271	18600
Foot pedal - wired *	FS-272	19910

* For use with De Soutter Medical hekaDrill range.



FS-270
Wired



FS-271
Wireless

Charger for wireless foot pedal
Order code 19180





IRRIGATION SYSTEM

The PC-472 provides total versatility for the osteodrive® *II* range.
A simple front loading irrigation cassette with smart RFID identification automatically detects each attachment and applies the correct setup on loading.

IRRIGATION NOZZLES

The first of its kind detachable irrigation Luer Lock System enables attachments to be changed quickly without the need to remove and refit the entire irrigation system. This improved system allows the unique irrigation nozzle to remain in place on the attachment whilst switching between attachments during procedures.
Nozzles are colour coded to aid quick identification during surgery.



T20 IRRIGATION LUER LOCK SYSTEM



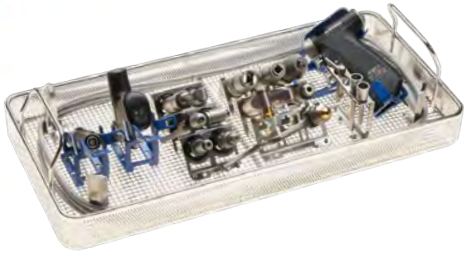
Five easy fit irrigation nozzles are available to fit all MCI attachment types.
The unique designs provide stable, yet flexible use and attach firmly to suitable attachment type ensuring total flexibility and precision.

IRRIGATION COMPATIBILITY

Note: The T20-110 Irrigation Kit is required for use with all Luer Lock nozzles. (Box of 5-off Saline feed kits - stand-alone kit).

Irrigation Kit	Nozzle Code	Attachments & Irrigation Nozzles
T20-110	T20-173	**SMALL RECIPROCATING SAW NOZZLE** CI-280 Saw Attachment 21630
T20-110	T20-172	**BUR GUARD NOZZLE** BI-28X Bur Attachments
T20-110	T20-171	**METAL CUTTER NOZZLE & SPLASH HOOD** BI-281 20630 with bur guard 21520 *For use with D06 burs
T20-110	S86-9XXX	**OSCILLATING SAW BLADES (INTEGRATED NOZZLE)** OI-281 20790 with S86-9XXX blades* *(S86-9054, S86-9114, S86-9134, S86-9144)
T20-110	T20-170	**GENERAL PURPOSE NOZZLE** Fits all MCI attachments

STERILISATION TRAYS AND CONTAINERS









STANDARD WIRE CONTAINER STERILISATION SYSTEM

Set up - optional tray contents	Container and insert tray Order code	Insert tray only Order code
2 off 28X handpieces/minigrip™ 1 off MCU-480 handpiece 6 off MCI-280 attachments 9 off MCU-480 attachments 2 off connection cables	21090	21080

HALF SIZE STERILISATION SYSTEM

2 off 28X handpieces/minigrip™ 6 off MCI-280 attachments 1 off connection cable	21110	21100

WIRE CONTAINERS

Standard wire container
Order code 19010
Accepts standard insert tray

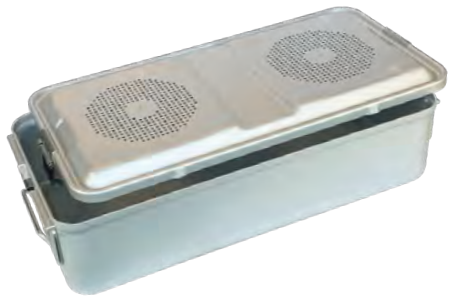
Half size wire container
Order code 19000
Accepts half size insert tray

STERILE FILTERED CONTAINERS

Half size sterile filtered container
Accepts half size insert tray
Order code 21560



Standard sterile filtered container
Accepts standard insert tray
Order code 21550





Filter paper (single use)
Pack of 100
Order code 690303



Security tag with sterile indicator
Pack of 1000
Order code 690313



osteodrive®II

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deSoutter MEDICAL

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

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