

# POWERED MEDICAL INSTRUMENTS

# accessories



**BATTERIES AND CHARGERS**

**ELECTRIC POWER SUPPLIES**

**AIR HOSES AND EQUIPMENT**



**FOOT CONTROLS**

**DRILLS AND TAPS**

**ACETABULAR REAMERS**

**STERILISATION CONTAINERS**

**CHUCKS AND ADAPTORS**

**HANDPIECE WRENCHES**

**deSouther**  
MEDICAL

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## Servicing and Repair

All powered instruments and attachments should be regularly checked and cleaned. Annual servicing is strongly recommended for normal use. Due to the specialist techniques used in the manufacture and maintenance of De Soutter Medical instruments, user servicing is not possible. For advice on your local Authorised Service Centre please contact our Customer Service on:

Telephone +44 01442 860300  
Fax +44 01442 860333  
Email [info@de-souttermedical.com](mailto:info@de-souttermedical.com)

### To return an instrument for repair or warranty:

- Disinfect/sterilise the equipment in accordance with reprocessing instructions described in the products Operating Manual.
- Record the serial number of the instrument being returned with the return documentation and enclose a brief statement describing the reason for returning the equipment together with a contact name and telephone number.
- In the case of a warranty return please state original invoice number, date of purchase and a fully detailed description of the problem.
- In the case of repair/servicing please enclose a purchase order number to cover the Minimum Repair/Inspection Charge of £30.00. The cost of any repair will always be advised by the Company and approved by the Customer before any work commences.
- Pack the instrument securely, as any in-transit damage is not covered by the warranty.

Warning: All items returned must be accompanied by a declaration of contamination status. Equipment contaminated with bio-hazardous materials will be returned.

## Returned Goods

Requests for credit returns must be received within 60 days of the invoice date.

Equipment returned to De Soutter Medical for credit without our prior written authorisation will not be accepted. All returned goods will be subject to a re-stocking charge of 15% of the net original invoice value.

Credit cannot be given for items damaged during return shipment due to inadequate packaging. To receive a full credit, less the re-stocking charge, all products must be returned in full package quantities and any consumables must be in the original, undamaged packaging.

## Warranty

De Soutter Medical, ("the Company"), warrants to the first purchaser or lessee ("Customer") that the instruments, attachments, parts and consumables manufactured by or for the Company (hereinafter collectively called "Products") are guaranteed to be free from defects in material and workmanship for the warranty period for a particular Product, beginning from the date of invoice.

### New Products – Warranty Period

- Powered Surgical Handpieces and Attachments – Twelve (12) months
- Cast and Autopsy Saws – Twelve (12) months
- Battery Chargers and Power Supply/Control Units – Twelve (12) months
- Pneumatic Hoses – Twelve (12) months
- Handpiece Cords and Power Cords – Twelve (12) months
- Electric and Pneumatic Footswitches – Twelve (12) months
- Handpiece Accessories, Bur Guards, Blade Guards and Adaptors – Twelve (12) months
- Battery Packs – Six (6) months
- Consumables i.e. single use Burs, Blades and Pump Kits – for such period expiring on the "use by date"

This limited warranty is restricted to repair or replacement by the Company, at its option, of any Product found to be defective during the warranty period. All warranties shall apply only to the original Customer. In no event shall the Company be liable for any anticipated profits, consequential damages or loss of time incurred by the Customer with the purchase or use of any Product.

The Company shall be under no liability in respect of any defects arising or resulting from fair wear and tear, improper or inadequate installation, use or maintenance, accidental or wilful damage, negligence, abnormal working conditions, failure to follow the Company's product operating instructions, misuse or modification or alteration or repair of the Products by unauthorised third parties or the Customer.

### Repaired Products

The Company warrants to the Customer that any service or repair work performed by the Company on Products not within the warranty period shall be free from defects in workmanship and materials for a period of twelve (12) months, six (6) months for pneumatic hoses, after the date the Customer received the Product(s).

The aforementioned warranty does not affect your Statutory Rights in accordance with 1999/44/EEC

## Battery packs

For use with powered instrument handpiece types MDX, KDX, CDX, RDX and TDZ



**AB-600**  
Large aseptic battery  
9.6 Vdc NiMH  
Capacity 2100 mAh  
Order code 11520



**AH-610**  
Large aseptic  
battery housing  
Order code 14430



**AS-610**  
large aseptic battery  
sterile shield  
Order code 14420



**AB-450**  
Small aseptic battery  
10.8 Vdc NiMH  
Capacity 1000 mAh  
Order code 14510



**AH-450**  
Small aseptic  
battery housing  
Order code 14520



**AS-450**  
Small aseptic battery  
sterile shield  
Order code 14530



**SB-600**  
Sterile battery  
9.6 Vdc NiCd  
Capacity 1200 mAh  
Order code 11630



**SB-450**  
Sterile battery  
10.8 Vdc NiMH  
Capacity 1000 mAh  
Order code 14500

## Battery charger, small battery adaptor and mains cordsets



**BC-610 Battery charger.**  
Order code 14750



**CA-450**  
Small aseptic battery  
(AB-450) charging  
adaptor.  
Order code 14540

Mains cordsets for BC-610 Battery Charger and PS-600 power supply.  
Length 3 metres.

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



## Corded direct power supply and corded module

Used to power instrument handpiece types MDX, KDX, CDX and TDZ.



**PS-600**  
Power supply 230Vac input  
Order code 11610  
  
Power supply 120Vac input  
Order code 11660

Use BC-610 mains cord sets.  
See above.



**CM-600**  
Corded module  
Order code  
11620

## Power supply units, handpiece cable and mains cordsets

Used to power instrument handpiece types ECV , MCZ and ACZ.



PC-450  
Input -  
230Vac, 120Vac and 100Vac  
Order code 14970



PC-451 with irrigation  
Input -  
230Vac, 120Vac and 100Vac  
Order code 14980



Handpiece cable from PC-450 and PC-451  
power supply to ECV and MCZ handpiece.  
Order code 12850



Mains cordsets for PC-450 /PC-451. Length 3 metres.  
UK Order code 8290  
Euro Order code 8300  
US/Canada Order code 8310  
Australia/N Zealand Order code 8320  
Swiss Order code 14700

## Foot switch FS-220



Used to control handpieces ECV-221 and ACZ-451 through  
PC-450 or PC-451 Power Units.  
Order code 12830

## Irrigation clip for ECV-221



Part No. 639553

## Lever for ECV-220



Part No. 14870











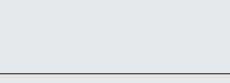
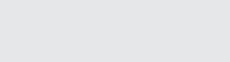
Hose ends connected with probe detached and retained with rubber strap



Replacement rubber strap  
Part No. 632393



The Wash Assist co-axial hose system is recommended where machine washing of air hoses is demanded. By releasing the probe end from hose, which is retained on the hose via the rubber strap, the hose ends can be joined and sealed prior to washing.

Probe	Instrument	Hose length			Probe end
		3 metre Part No.	4 metre Part No.	5 metre Part No.	
MA7 Schrader	MPX, DPX, SPX MPZ, EPV, HST, DPZ-121 PLX, D30 Series	I3000	I3100	I3200	
		I3300	I3400	I3500	
		I3600	I3700	I3800	
A.O.	MPX, DPX, SPX MPZ, EPV, HST, DPZ-121 PLX, D30 Series	I3010	I3110	I3210	
		I3310	I3410	I3510	
		I3610	I3710	I3810	
AGA Inst.	MPX, DPX, SPX MPZ, EPV, HST, DPZ-121 PLX, D30 Series	I3020	I3120	I3220	
		I3320	I3420	I3520	
		I3620	I3720	I3820	
Draeger	MPX, DPX, SPX MPZ, EPV, HST, DPZ-121 PLX, D30 Series	I3030	I3130	I3230	
		I3330	I3430	I3530	
		I3630	I3730	I3830	
Heyer	MPX, DPX, SPX MPZ, EPV, HST, DPZ-121 PLX, D30 Series	I3040	I3140	I3240	
		I3340	I3440	I3540	
		I3640	I3740	I3840	
Air Liquide	MPX, DPX, SPX MPZ, EPV, HST, DPZ-121 PLX, D30 Series	I3050	I3150	I3250	
		I3350	I3450	I3550	
		I3650	I3750	I3850	
DIN	MPX, DPX, SPX MPZ, EPV, HST, DPZ-121 PLX, D30 Series	I3060	I3160	I3260	
		I3360	I3460	I3560	
		I3660	I3760	I3860	
AGA Air	MPX, DPX, SPX MPZ, EPV, HST, DPZ-121 PLX, D30 Series	I3080	I3180	I3280	
		I3380	I3480	I3580	
		I3680	I3780	I3880	
Flowtech	MPX, DPX, SPX MPZ, EPV, HST, DPZ-121 PLX, D30 Series	I3070	I3170	I3270	
		I3370	I3470	I3570	
		I3670	I3770	I3870	
NP05	MPX, DPX, SPX MPZ, EPV, HST, DPZ-121 PLX, D30 Series	I3090	I3190	I3290	
		I3390	I3490	I3590	
		I3690	I3790	I3890	

To special order


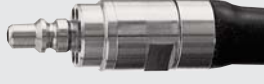





Hose washing cap



Probe type	Instrument		
	MPX, DPX Part No.	EPV, MPZ Part No.	D30 Series Part No.
BOC MA7	8950	9650	11430
A.O.	10880	9670	11450
AGA	10870	9660	11440
Draeger	10890	9680	11460
Heyer	10870	9660	11440

Quick release, bayonet action hose fitting with combined coaxial air supply and exhaust hose. This system is non-preferred for machine washing.


Probe	Instrument	Hose Length			Probe end
		3 metre Part No.	4 metre Part No.	5 metre Part No.	
MA7 Schrader	MPX, DPX, SPX MPZ, EPV, HST, DPZ-121 PLX, D30 Series	5300	5310	5320	
		10900	10910	10920	
		7500	9320	7640	
A.O.	MPX, DPX, SPX MPZ, EPV, HST, DPZ-121 PLX, D30 Series	5330	5340	5350	
		10930	10940	10950	
		8690	8700	8710	
AGA Inst.	MPX, DPX, SPX MPZ, EPV, HST, DPZ-121 PLX, D30 Series	5360	5370	5380	
		10960	10970	10980	
		8720	8730	8740	
Draeger	MPX, DPX, SPX MPZ, EPV, HST, DPZ-121 PLX, D30 Series	5390	5400	5410	
		10990	11000	11010	
		8580	8590	8600	
Heyer	MPX, DPX, SPX MPZ, EPV, HST, DPZ-121 PLX, D30 Series	7820	7830	7840	
		11020	11030	11040	
		8750	8760	8770	
Air Liquide	MPX, DPX, SPX MPZ, EPV, HST, DPZ-121	10390	10400	10410	
		11050	11060	11070	
Flowtech	MPX, DPX, SPX MPZ, EPV, HST, DPZ-121	8610	8620	8630	
		11080	11090	11100	

To special order

Conversion hoses

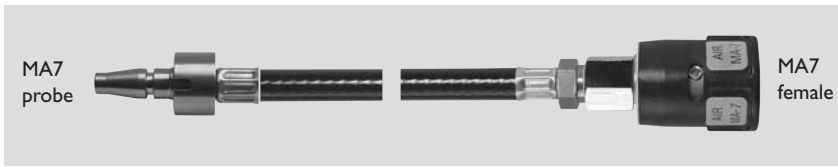
Probe end	Female end	Part No.
A.O	MA7	5150
AGA	MA7	7510
Draeger	MA7	7520
Air Liquide	MA7	8840
CA8	MA7	11110
1/4" NPT	MA7	6290

Probe



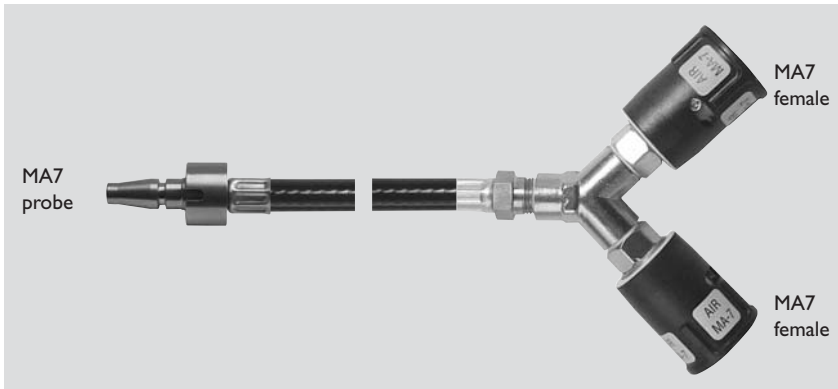
Female MA7

**MA7 single outlet extension hoses**



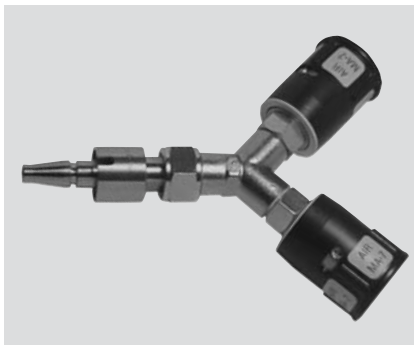
3 metre long Part no. 5670  
6 metre long Part no. 6120

**MA7 double outlet extension hoses**



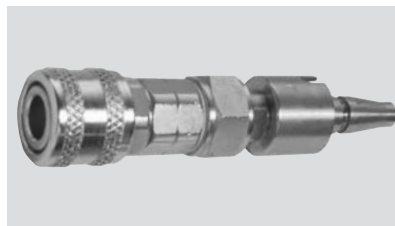
3 metre long Part No. 8940  
5 metre long Part No. 10370

**MA7 probe to double MA7 female convertor**



Part No. 10420

**MA7 probe to A.O. female convertor**



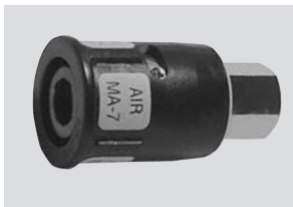
Part No. 12400

**A.O. probe to MA7 female convertor**



Part No. 12410

**MA7 female to 1/4" NPT female thread**



Part No. 5160

**1/4" BSPT male to 5/8" x 27 TPI male adaptor**



Part No. 5170

**Multi stage regulator with MA7 female outlet - Bull Nose**



Inlet pressure	Outlet pressure	Air inlet	Part No.
21-200 bar	0-10 bar	5/8" BSP	5180

**Irrigation pump**

For use with De Soutter Medical instrument handpiece types EPV-220, EPV-221 and HST-100.



IPV-220  
 Input - 240Vac, 120Vac and 100Vac  
 Order code 11560

Mains cordsets for IPV-220 - 3 metre length  
 UK Order code 8290  
 Euro Order code 8300  
 US/Canada Order code 8310  
 Australia/N Zealand Order code 8320  
 Swiss Order code 14700



**Pump sensor**



IPS-220  
 Order code 11570

**Wash-Assist air hose sub assembly**



Hose length	Part No.
3 metre	632333
4 metre	632343
5 metre	632353

**Air foot control**

For use with De Soutter Medical instrument handpiece types EPV-221, MPZ-451, HST-100 and DPZ-121.



Model	Order Code	Foot pedal features - inlet connection	Foot pedal features - outlet connection
FV-220	14900	Integral 3 metre supply hose with MA7 probe.	Accepts any MPZ 'Wash-Assist' air hose sub assembly - See above.
FV-221	14910	Accepts Draeger 'Wash-Assist' hoses with air being exhausted at wall fitting.	Accepts any MPZ 'Wash-Assist' air hose sub assembly - See above.
FV-222	15000	Integral 3 metre supply hose with MA7 probe.	MA7 outlet.

### Twist drills

Diameter mm	Length mm	Plain shank Part No.	A.O. shank Part No.	De Soutter shank Oscillating Part No.	A.O. equivalent Part No.
1.1	60		90252		310.11
1.5	95			9380	
1.5	85		90262		310.15
1.5	110		90272		310.16
1.6	127	80642			
2.0	110			9390	
2.0	100		90282		310.19
2.0	125		90292		310.21
2.0	127	80652		12010	
2.0	195				
2.5	120			9400	
2.5	100		90302		310.25
2.5	195			12020	
2.7	135		90322	9410	310.26
2.7	100		90332		310.28
2.7	125			12030	
2.7	195				
2.8	127	80662			
3.0	155			9420	
3.2	155		90342	9430	
3.2	145		90352		310.31
3.2	195			12040	310.29
3.2	127	80672			
3.5	155		90362	9440	
3.5	110		90372		310.35
3.5	195			12050	310.37
4.0	155			9450	
4.0	127	80682			
4.0	195			12060	
4.5	155			9460	
4.5	145		90382		310.44
4.5	195		90392	12070	310.48
4.8	127	80692			
5.0	155			9470	
6.0	195		90402		310.60
6.3	127	80702			

Minimum order quantity: 5-off mixed or same type. Material: stainless steel.

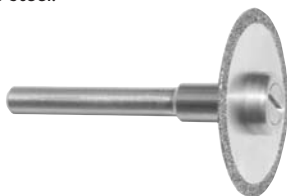
### Taps

Diameter mm	Pitch mm	Tap length mm	O/A length mm	Part No.	Interchangeable with A.O. Part No.
3.5	1.25	50	110	1140	311.34
4.5	1.75	25	130	1150	311.45
4.5	1.75	60	130	1160	311.46
6.5	2.25	25	130	1170	311.66

Minimum order quantity: One off. Material: stainless steel.

### Stem cutter

38 mm dia. diamond disc and arbour assembly.  
Part No. 3940.



**Standard reamer shaft**

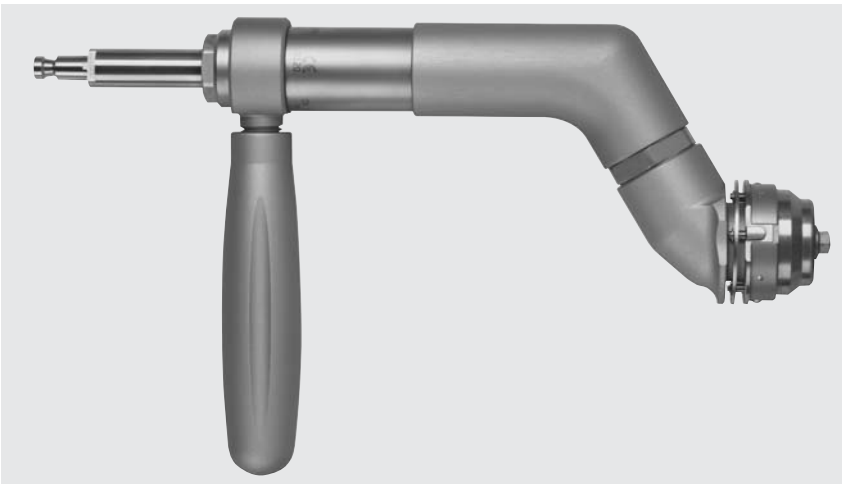


A.O. Synthes reamer shaft  
Part No. 6110  
Hudson reamer shaft  
Part No. 6100

**Minimal invasive reamers**



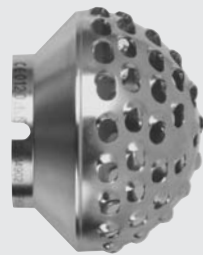
For use with MPX air operated or MDX battery operated handpieces.  
  
MI-600  
Speed 0 - 150 rpm  
Part No. 12100



MI-610  
Direct drive. Speed as per handpiece attachment.  
  
Hudson drive  
Part No. 14990  
A.O. drive  
Part No. 15180

**Reamer shells**

Part No.	Cutting dia mm	Part No.	Cutting dia mm	Part No.	Cutting dia mm
5800	40	5900	50	6000	60
5810	41	5910	51	6010	61
5820	42	5920	52	6020	62
5830	43	5930	53	6030	63
5840	44	5940	54	6040	64
5850	45	5950	55	6050	65
5860	46	5960	56	6060	66
5870	47	5970	57	6070	67
5880	48	5980	58	6080	68
5890	49	5990	59	6090	69



Fits both standard and minimal invasive acetabular reamers.

**Reduction sole plate for Dermatome instrument**



Cutting width	Fits type	Part No.
Duplex to 48 mm	GD-103	8540
Duplex to 23 mm	GD-103	8550



Handpiece or attachment type	Description	Part No.	
DX-500, DX-600, DZ-400, DV-200 DZ-450, DV-220	Key for 0 - 4 mm chuck	8780	
DPX-582, DX-500, DX-600 RX-500, DZ-400, RZ-400, RX-600 DZ-450, RZ-450	Key for 0 - 6.35 mm chuck	30062	
D32-100, MV-220	Sagittal saw blade screwdriver	2250	
D34-100	Reciprocating saw blade wrench	2260	
AV-200, AV-220	Spindle lock	624553	
AV-200, AV-220	Spanner	624543	
AV-221	Wrench	14960	
CV-200, BV-200, CZ-400 CV-220, CZ-450	Wrench	9940	
ECV-220, ECV-221, BV-220	Wrench	14770	
SV-200, SV-220, MV-200	Saw blade hexagon driver	9930	
SZ-400, SZ-450	Saw blade hexagon driver	9590	
DPX-170	12 mm/22 mm spanner	190723	
GX-500, GD-102, GD-103	Hexagon driver	8650	
D35-100, D36-100	Wire guard	10360	
PZ-400, PZ-450, WZ-400, WZ-450	Wire guard	9570	
Large bone handpieces and modular attachments only. MPX, MPZ, SPX, DPX, EPV	25ml bottle of mineral oil	30982	
Small bone handpieces. Easy dispense pump action. D30, HST, PLX, DPZ	50ml bottle of mineral oil	12570	
DPX-592, WX-500, WX-600 WZ-400, WZ-450, PZ-400, PZ-450	Cleaning brush	8120	
PX-610	Cleaning brush	15090	

### Battery/Electric instrument sterilisation cases



For instrument type	Powered by	Accommodates	Complete case Part No.	Insert only Part No.
MDX, CDX, KDX	Aseptic battery	3 handpieces <sup>1)</sup> plus accessories	12170	12180
MDX, KDX	Aseptic battery	2 handpieces <sup>1)</sup> plus accessories	14440	14450
MDX, CDX, KDX	Sterile battery	3 handpieces <sup>1)</sup> plus accessories	11670	11690
MCZ, ECV	Corded electric	2 handpieces <sup>2)</sup> plus accessories	14390	14410
SDX, RDX	Aseptic battery	2 handpieces plus accessories	12590	15070
SDX, RDX	Sterile battery	2 handpieces plus accessories	12580	15060
TDZ	Aseptic battery	2 handpieces <sup>3)</sup> plus accessories	14930	14950

Aluminium base, aluminium lid and stainless steel insert

<sup>1)</sup> Refer to De Soutter Medical Large Bone Surgery Catalogue for details of available accessories.

<sup>2)</sup> Refer to De Soutter Medical Small Bone Surgery Catalogue for details of available accessories.

<sup>3)</sup> Refer to De Soutter Medical TraumaDrive Catalogue for details of available accessories.

### Air instrument sterilisation cases



For instrument type	Accommodates	Complete case Part No.	Insert only Part No.
MPX, DPX	3 handpieces plus accessories <sup>1)</sup>	14630	14660
MPX, DPX	2 handpieces plus accessories <sup>1)</sup>	14640	14650
MPZ, EPV	2 handpieces <sup>2)</sup> plus accessories	14390	14410

Aluminium base, aluminium lid and stainless steel insert

<sup>1)</sup> Refer to De Soutter Medical Large Bone Catalogue for details of suitable accessories.

<sup>2)</sup> Refer to De Soutter Medical Small Bone Catalogue for details of suitable accessories.

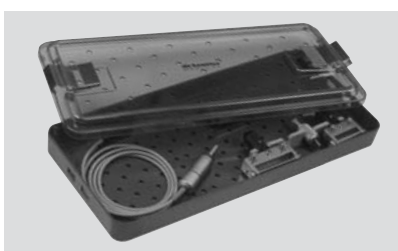


For instrument type	Accommodates	Complete case Part No.	Insert only Part No.
MPX	1 handpiece plus accessories <sup>1)</sup>	8160	614603
EPV, MPZ MPZ, EPV	2 handpieces plus accessories	9970 9690	624463 622203

Aluminium base, aluminium lid and plastic insert

<sup>1)</sup> Refer to De Soutter Medical Large Bone Catalogue for details of suitable accessories.

### Dermatome instrument sterilisation cases



For instrument type	Powered by	Accommodates	Complete case Part No.
Dermatome	Corded electric	All components	8570

Plastic base, plastic lid and silicone insert

**Air instrument sterilisation cases**



For instrument type	Accommodates	Complete case Part No.	Insert mat only Part No.
DPX, PLX	Universal tray	9350	631343/616153

Aluminium base, aluminium lid and aluminium insert with silicone mat.



For instrument type	Accommodates	Complete case Part No.
D30 Series	5 handpieces plus accessories	7540

Plastic base, plastic lid and silicone insert.



For instrument type	Accommodates	Complete case Part No.
HST, DPZ	2 handpieces plus accessories	12550

Plastic base, plastic lid and plastic insert.

**Handpiece washing caps**

Prevents water entering the handpiece during washing prior to autoclaving.



Washing cap for EPV, MPZ, HST and DPZ handpieces.

Part No. 9950



Washing cap for MPX, SPX and DPX series handpieces.

Part No. 608073



Washing cap for D30 series and PLX handpieces.

Part No. 8110



Washing cap for HST handpiece nose.

Part No. 14830

**Washing spacer**



Used with DPX-575 handpiece and SX-500 attachment.

Part No. 11320

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