

SPARE PARTS LIST

April 2005

ORDER REF	PACK DESCRIPTION	COMPONENTS	COMPONENT DESCRIPTION	SAM 12	SAM 14	SAM 15	SAM 18	SAM 35	SAM 36	SAM 420	SAM 420LX	SAM HOSPY	SAM 50	NIVEC	OXY	SAM 17	SAM 427
MSP1000	Motor and pump assembly SAM420	7448	Motor and pump assembly SAM420							✓							
MSP1001	0-760mmHg Vacuum gauge	040.08UU	0-760mmHg Vacuum gauge	✓	✓	✓		✓	✓	✓							
MSP1002	24 Disposable bacterial Filters	060.31 UU	24 Disposable bacterial Filters	✓	✓	✓	✓	✓	✓	✓			✓				
MSP1003	24 Disposable Hydrophobic Filters	8176	24 Disposable Hydrophobic Filters	✓	✓	✓	✓	✓	✓	✓			✓				
MSP1004	Pack 10 yellow vacuum connectors	10531 450.96UU	Yellow elbow connector Elbow connector O ring	✓	✓	✓		✓	✓	✓			✓				
MSP1005	Vacuum control assembly	10981	Vacuum control assembly	✓	✓	✓		✓	✓	✓							
MSP1006	1 litre plastic collection container + lid	11227	1 litre plastic collection container + lid SAM 420							✓							
MSP1007	Green on / off switch	7430	On / off switch	✓	✓	✓	✓	✓	✓	✓							
MSP1008	Printed circuit board	7444	Printed circuit board							✓							
MSP1009	Nicad battery	7799	Nicad battery							✓							

SPARE PARTS LIST

April 2005

ORDER REF	PACK DESCRIPTION	COMPONENTS	COMPONENT DESCRIPTION	SAM 12	SAM 14	SAM 15	SAM 18	SAM 35	SAM 36	SAM 420	SAM 420LX	SAM HOSPY	SAM 50	NIVEC	OXY	SAM 17	SAM 427
MSP1010	Consumable spares pack	020.22UU 060.31UU 450.96UU 450.97UU 8672 7801 7374	Exhaust filter Disposable bacterial filter Vacuum connector O ring Filter mount O ring Float valve assembly 5 Amp fuse Bottle top O ring							✓							
MSP1011	Complete internal hose assembly	7793 7683 010.11UU	1 off vacuum hose assembly Exhaust hose assembly Cable ties x 10							✓							
MSP1012	12 Volt supply lead Cigarette lighter adaptor	7763	12 Volt supply lead Cigarette lighter adaptor							✓							
MSP1013	12 Volt power socket-Inlet	7684	12 Volt power socket - Inlet							✓							
MSP1014	Operating manual	7765	Operating manual							✓							
MSP1015	Pack of 10 Exhaust filters	020.22UU	Exhaust filter	✓	✓	✓	✓	✓	✓	✓							
MSP1016	Pack 3 off anti-vibration mounts	10458 10459 210.61UU 210.63UU	A/V mount Screw Nut Washer							✓							

SPARE PARTS LIST

April 2005

ORDER REF	PACK DESCRIPTION	COMPONENTS	COMPONENT DESCRIPTION	SAM 12	SAM 14	SAM 15	SAM 18	SAM 35	SAM 36	SAM 420	SAM 420LX	SAM HOSPY	SAM 50	NIVEC	OXY	SAM 17	SAM 427
MSP1017	Pack 10 yellow filter capsule mounts	10532 450.97UU 210.63UU 210.77UU	Yellow filter capsule mount Filter mount O ring M4 washer M 3.5 fixing screw	✓	✓	✓		✓	✓	✓							
MSP1018	Silicon tubing / metre	8874	Silicon tubing / metre 13mm 8mm internal - 2.5mm wall							✓							
MSP1019	Pack 100 off screws	210.19UU	M3 screw							✓							
MSP1020	Pack 100 off M 3.5 x 10 screw	210.77UU	M 3.5 x 10 screw	✓	✓	✓	✓	✓	✓	✓							
MSP1021	20 off filter O rings	450.96UU 450.97UU	10 off elbow O rings 10 off mount O rings	✓	✓	✓	✓	✓	✓	✓			✓				
MSP1022	Pump mounting plate	7572	Pump mounting plate							✓							
MSP1023	SAM 420 Identification labels	7687 7688	SAM 420 control label SAM 420 Identification label set							✓							
MSP1024	SAM 420 Case	7690 7691	Back panel Moulded case							✓							
MSP1025	10 off fuse holders	020.41UU	Fuse holder	✓	✓	✓	✓	✓	✓	✓							
MSP1026	Pack 10 5A fuses	7801	5A Fuses							✓							
MSP1027	Handle assembly	10258 10843	Screw Handle	✓	✓	✓	✓			✓							

SPARE PARTS LIST

April 2005

ORDER REF	PACK DESCRIPTION	COMPONENTS	COMPONENT DESCRIPTION	SAM 12	SAM 14	SAM 15	SAM 18	SAM 35	SAM 36	SAM 420	SAM 420LX	SAM HOSPY	SAM 50	NIVEC	OXY	SAM 17	SAM 427
		2361	Washer														
MSP1028	Pack 10 off case screws	8000	Screw							✓							
MSP1029	Pack 10 off float valve assemblies	8672	Float valve							✓							
MSP1030	Pack 10 off 1 Ltr jar O rings	7374	O Ring							✓							
MSP1031 <i>(obsolete)</i>	<i>Pump & motor assembly for SAM 12/14 (230v, 50Hz)</i>	LQ25	<i>Pump & motor for SAM 12/14 (230v, 50Hz)</i>	✓	✓	✓											
MSP1032 <i>(obsolete)</i>	<i>Motor assembly SAM 12/14/15 (230v, 50 Hz)</i>	BU8X	<i>Motor assembly</i>	✓	✓	✓											
MSP1033	LQ Pump Assembly	020.05UU 020.15UU 020.16UU 020.26UU 020.56UU 10712 210.77UU 210.81UU	Pump casting Split sleeve lock nut Pump casting closure Con rod diaphragm assembly Pump head assembly Screw M3.5 Screw M3.5	✓	✓	✓	✓	✓	✓								

SPARE PARTS LIST

April 2005

ORDER REF	PACK DESCRIPTION	COMPONENTS	COMPONENT DESCRIPTION	SAM 12	SAM 14	SAM 15	SAM 18	SAM 35	SAM 36	SAM 420	SAM 420LX	SAM HOSPY	SAM 50	NIVEC	OXY	SAM 17	SAM 427
MSP1034	LQ Pump Head Assembly	020.19UU 020.20UU 10714 11117 11154	Transfer valve washer Transfer valve screw Pump head casting Pump head 'O' ring Pump head nozzle	✓	✓	✓	✓	✓	✓								
MSP1035	LQ Con rod diaphragm assembly	020.08UU 020.09UR 020.12UU 020.13UU 210.73UU 210.74UU	Con rod Ball race Diaphragm Diaphragm clamp plate Screw M 2.5 Nut M 2.5	✓	✓	✓	✓	✓	✓								
MSP1036	LQ Pump Head Service Kit	020.19UU 020.20UU 11117 11154	Transfer valve washer Transfer valve screw Pump head O ring Pump head nozzle	✓	✓	✓	✓	✓	✓								
MSP1037	Pack of 10 Split sleeve & locknut (LQ)	020.15UU 020.16UU	Split Sleeve Locknut	✓	✓	✓	✓	✓	✓								
MSP1038	Pack of 10 Diaphragms for LQ pump	020.12UU 210.73UU 210.74UU	Diaphragm Fixing Screw Fixing Nut	✓	✓	✓	✓	✓	✓								

SPARE PARTS LIST

April 2005

ORDER REF	PACK DESCRIPTION	COMPONENTS	COMPONENT DESCRIPTION	SAM 12	SAM 14	SAM 15	SAM 18	SAM 35	SAM 36	SAM 420	SAM 420LX	SAM HOSPY	SAM 50	NIVEC	OXY	SAM 17	SAM 427
MSP1039	Pack of 10 diaphragm clamp plates for LQ pump	020.13UU	Diaphragm clamp plate	✓	✓	✓	✓	✓	✓								
MSP1040	Pack 10 LQ 25/45 Eccentric assembly	020.03EU 020.04UU	Eccentric assembly Roll pin	✓	✓	✓		✓	✓								
MSP1041	Pack 10 Roll Pins (LQ)	020.04UU	Roll pin	✓	✓	✓	✓	✓	✓								
MSP1042	Pack 10 pump casting closures (LQ pump)	020.26UU	Pump casting closure	✓	✓	✓	✓	✓	✓								
MSP1043	Motor capacitor (6MFD)	10666	Motor capacitor (6MFD)	✓	✓	✓											
MSP1044	M 3.5 x 16 screw	210.81UU	M 3.5 x 16 screw Pack 100	✓	✓	✓	✓	✓	✓								
MSP1045	Pack 4 off anti vibration mounts LQ25	10458 10459 210.61UU 210.63UU	A/V mount M4 x 5 screw M 4 nut M 4 shake washer	✓	✓	✓	✓										

SPARE PARTS LIST

April 2005

ORDER REF	PACK DESCRIPTION	COMPONENTS	COMPONENT DESCRIPTION	SAM 12	SAM 14	SAM 15	SAM 18	SAM 35	SAM 36	SAM 420	SAM 420LX	SAM HOSPY	SAM 50	NIVEC	OXY	SAM 17	SAM 427
MSP1046	Consumable Spares service kit for LQ pump	020.12UU 020.19UU 060.31UU 450.97UU 450.96UU 020.22UU 090.24UU 10662 090.34UU	Diaphragm 2 off Transfer valve washer Disposable filter capsule 2 off Filter mount O ring 2 off Vacuum connector O ring Exhaust filter Bottle top grommet Bottle top O ring Overflow valve assembly	✓	✓	✓	✓	✓	✓								
MSP1047	Bottle top assembly	10970	Bottle top complete	✓	✓		✓	✓									
MSP1048	Pack 10 overflow valves	090.34UU	Overflow valve	✓	✓	✓	✓	✓	✓								
MSP1049	Pack 10 Bottle top grommets	090.24UU	Bottle top grommet	✓	✓	✓	✓	✓	✓								
MSP1050	Pack 4 SAM 2 Bottle	10861	SAM 2 bottle	✓	✓	✓	✓	✓	✓								
MSP1051	SAM 2 Bottle top O ring	10662	SAM 2 bottle top O ring x 10	✓	✓	✓	✓	✓	✓								

SPARE PARTS LIST

April 2005

ORDER REF	PACK DESCRIPTION	COMPONENTS	COMPONENT DESCRIPTION	SAM 12	SAM 14	SAM 15	SAM 18	SAM 35	SAM 36	SAM 420	SAM 420LX	SAM HOSPY	SAM 50	NIVEC	OXY	SAM 17	SAM 427
MSP1052	SAM 12 internal tubing assembly for LQ pump	020.32UU 6913 6914 010.11UU	Neo tube x 200mm Bleed valve / exhaust tube assbly Bleed valve tube assembly Cable ties x 10	✓		✓											
MSP1053	Pack of 10 rubber feet	040.01UU 10682	Rubber feet Fixing screws	✓	✓	✓	✓										
MSP1054	Pack 10 bottle bracket clip	10688 7370 210.87UU	Bottle bracket clip Dome nut M5 fixing screw	✓	✓	✓	✓	✓	✓								
MSP1055	Pack 10 Cable cleat	10668 10743	Cable cleat Starlock washer	✓	✓	✓	✓	✓	✓								
MSP1056	Pack 10 exhaust assemblies	10153	Exhaust assembly	✓	✓	✓	✓	✓	✓	✓							
MSP1057	SAM 12 plastic label set	10671 10723	SAM Fascia panel SAM 12 ID label	✓													
MSP1058	SAM 12 / 18 case (top cover)	10766	SAM 12 / 18 case (top)	✓		✓	✓										
MSP1059	SAM plastic case nylon screw set	10874 5985	6 off Nylon screw 2 off Nylon screw M6 x 40	✓	✓	✓	✓										
MSP1060	Pack 100 M5 washer	210.17UU	M5 Washer	✓	✓	✓	✓	✓	✓								
MSP1061	Pack 100 M4 Shake washer	210.63UU	M4 Shake washer	✓	✓	✓	✓	✓	✓								
MSP1062	Pack 100 M5 Nut	210.79UU	M5 Nut	✓	✓	✓	✓	✓	✓								

SPARE PARTS LIST

April 2005

ORDER REF	PACK DESCRIPTION	COMPONENTS	COMPONENT DESCRIPTION	SAM 12	SAM 14	SAM 15	SAM 18	SAM 35	SAM 36	SAM 420	SAM 420LX	SAM HOSPY	SAM 50	NIVEC	OXY	SAM 17	SAM 427
MSP1063	Pack 100 M5 x 16 screw		M5 x 16 screw														
MSP1064	SAM 12 /14 plastic case (base)	10771	SAM 12 /14 plastic case (base)	✓	✓	✓											
MSP1065	100 off M4 nut	210.61UU	M4 nut	✓	✓	✓	✓	✓	✓								
MSP1066	SAM 12 / 14 plastic case (back)	10768	SAM 12 / 14 plastic case (back)	✓	✓	✓											
MSP1067	10 off 1 amp x 20 mm fuses	170.58UU	1 amp fuse x 20mm	✓	✓	✓	✓	✓	✓								
MSP1068	SAM 12 manual (GB)	10730	SAM 12 Manual	✓													
MSP1069	Changeover valve	10291	SAM 14/35/36/54 Changeover valve		✓			✓	✓				✓				
MSP1070	SAM 14 Manual	11104	SAM 14 Manual		✓												
MSP1071	IU Plastic Bottle top assembly-SAM 15 & 36 only	10946	IU Bottle top assembly only fits wide bore tubing			✓			✓								
MSP1072	SAM 15 Manual (GB)	11046	SAM 15 Manual			✓											
MSP1073	SAM 15 plastic label set	10671 10982	SAM Fascia panel SAM 15 ID label			✓											
MSP1074	Pack 10 IU Gauze O Rings	090.06UU	IU Gauze O Ring			✓											
MSP1075	20m Box Tubinette Gauze	240.19UU	Tubinette Gauze			✓											
MSP1076	SAM 14 plastic label set	10671 10724	SAM Fascia panel SAM 14 ID label		✓												

SPARE PARTS LIST

April 2005

ORDER REF	PACK DESCRIPTION	COMPONENTS	COMPONENT DESCRIPTION	SAM	SAM	SAM	SAM	SAM	SAM	SAM	SAM	SAM	SAM	NIVEC	OXY	SAM	SAM
				12	14	15	18	35	36	420	420LX	HOSPY	50		17	427	
MSP1077	Motor capacitor (3 MFD)	010.02CU	Motor capacitor (3 MFD)				✓										
MSP1078	SAM 18 internal tubing assembly	020.32UU 6913 6916 010.11UU	Neo tube x 200mm Bleed valve / exhaust tube assembly Bleed valve tube assembly SAM 18 Cable ties x 10				✓										
MSP1079	0-300mmHg Vacuum gauge	100.11UU	0-300mmHg Vacuum gauge				✓										
MSP1080	Vacuum control assembly SAM 18	8137	Vacuum control assembly				✓										
MSP1081	Pump & motor assembly for SAM 18 (230v, 50Hz)	LQ8	Pump & motor for SAM 18 (230v, 50Hz)				✓										
MSP1082	Motor assembly SAM 18 (230v, 50 Hz)	BX5W	Motor assembly				✓										
MSP1083	Pack 10 LQ 8 Eccentric assembly	020.03FU 020.04UU	Low throw eccentric Roll pin				✓										
MSP1084	Pack 10 blue vacuum connectors	450.93UU 450.96UU	Blue elbow connector Elbow connector O				✓						✓				

SPARE PARTS LIST

April 2005

ORDER REF	PACK DESCRIPTION	COMPONENTS	COMPONENT DESCRIPTION	SAM	SAM	SAM	SAM	SAM	SAM	SAM	SAM	SAM	SAM	NIVEC	OXY	SAM	SAM
				12	14	15	18	35	36	420	420LX	HOSPY	50		17	427	
MSP1085	Pack 10 blue filter capsule mounts	060.28UU 450.97UU 210.63UU 210.77UU	Blue filter capsule mount Filter mount O ring M4 washer M 3.5 fixing screw				✓										
MSP1086	SAM 18 plastic label set	10671 10725	SAM Fascia panel SAM 18 ID label				✓										
MSP1087	SAM 18 plastic case (base)	10772	SAM 18 plastic case (base)				✓										
MSP1088	SAM 18 plastic case (back)	10770	SAM 18 plastic case (back)				✓										
MSP1089	SAM 18 manual (GB)	11108	SAM 18 Manual				✓										
MSP1090	SAM 14 case (top cover)	10196	SAM 14 case (top)		✓												
MSP1091	SAM 14 internal tubing assembly for LQ pump	020.32UU 6913 6914 010.11UU	Neo tube Bleed valve / exhaust tube assembly Bleed valve tube assembly Cable ties		✓												
MSP1092	10 Off SAM 51 regulator bodies	10793 10834	Regulator body -HIV Blanking plug										✓				
MSP1093	10 Off overflow bowls	10794 10796 450.97UU	Overflow bowl Baffle O Ring										✓				

SPARE PARTS LIST

April 2005

ORDER REF	PACK DESCRIPTION	COMPONENTS	COMPONENT DESCRIPTION	SAM 12	SAM 14	SAM 15	SAM 18	SAM 35	SAM 36	SAM 420	SAM 420LX	SAM HOSPY	SAM 50	NIVEC	OXY	SAM 17	SAM 427
MSP1094	10 Off valve seat plates	10795 10814 10955	Valve seat plate O Ring M3 x 10 Screw										✓				
MSP1095	10 Off float valves	10797 11010	Float valve O Ring										✓				
MSP1096	10 Off regulator top cover	10798 2354	Regulator top cover M3 x 10 Screw										✓				
MSP1097	10 Off SAM 51 regulator control knobs	10799	Regulator control knob (yellow)										✓				
MSP1098	10 Off High vacuum on / off levers	10800 10917 10918	On / off lever On label - yellow Off label - yellow										✓				
MSP1099	10 Off control knob spindles	10801	Control knob spindle										✓				
MSP1100	10 Off diaphragm and rod	10802	Diaphragm with rod										✓				
MSP1101	10 Off on / off spindle assembly	10805	On / off spindle assembly										✓				
MSP1102	High vacuum regulator gauge	10809 10810 10925 11024	Vacuum gauge (high) Circlip O Ring Label										✓				

SPARE PARTS LIST

April 2005

ORDER REF	PACK DESCRIPTION	COMPONENTS	COMPONENT DESCRIPTION	SAM 12	SAM 14	SAM 15	SAM 18	SAM 35	SAM 36	SAM 420	SAM 420LX	SAM HOSPY	SAM 50	NIVEC	OXY	SAM 17	SAM 427
MSP1103	10 off diaphragm spring	10811 10813 210.61UU	Diaphragm main spring Retaining washer M4 Nut										✓				
MSP1104	Direct probe (BS 5682)	10815 10924 210.97UU	Direct probe O ring M4 x 10 Screw										✓				
MSP1105	10 Off regulator pressure relief valve	10950	Pressure relief valve										✓				
MSP1106	100 Off M3 x 10 Screw	10955	M3 x 10 Screws CSK										✓				
MSP1107	High vacuum regulator manual	11050	High vacuum regulator manual										✓				
MSP1108	100 Off M4 x 10 Screw	210.97UU	M4 x 10 Screw										✓				
MSP1109	100 Off M3 x 10 Screws	2354	M3 x 10 Screw										✓				
MSP1110	100 Off M5 Washer	2361	M5 Washer										✓				
MSP1111	10 Off filter clips	7780	Now obsolete – use MSP1306 O rings instead										✓				
MSP1112	Remote probe (BS 5682) and hose (1m)	10951	Vac hose and probe assembly										✓				
MSP1113	100 off M4 x 10 Screws	10956	M4 x 10 Screws CSK										✓				

SPARE PARTS LIST

April 2005

ORDER REF	PACK DESCRIPTION	COMPONENTS	COMPONENT DESCRIPTION	SAM 12	SAM 14	SAM 15	SAM 18	SAM 35	SAM 36	SAM 420	SAM 420LX	SAM HOSPY	SAM 50	NIVEC	OXY	SAM 17	SAM 427
MSP1114	Mounting V plate	10960 10956	Mounting V plate M4 x 10 Screws										✓				
MSP1115	10 Off SAM 50 regulator bodies	11005	Regulator body HIV										✓				
MSP1116	10 Off SAM 50 regulator control knobs	11007	Control knob SAM 50										✓				
MSP1117	10 Off low vacuum on / off lever	10800 10919 10920	On / off lever On label - blue Off label - blue										✓				
MSP1118	Low vacuum regulator gauge	10907 10810 10925	Low vacuum gauge Circlip O ring										✓				
MSP1119	10 Off pressure diaphragm spring set	10952 10953 10954 10813 210.61UU	L.P. Spring cup L.P. Spring large L.P. Spring small Retaining washer M4 Nut										✓				
MSP1120	10 off SAM 52 control knobs	10957	SAM 52 control knob										✓				
MSP1121	10 Off SAM 52 regulator bodies	10979	SAM 52 regulator body										✓				
MSP1122	Low vacuum regulator manual	11049	low vacuum regulator manual										✓				

SPARE PARTS LIST

April 2005

ORDER REF	PACK DESCRIPTION	COMPONENTS	COMPONENT DESCRIPTION	SAM 12	SAM 14	SAM 15	SAM 18	SAM 35	SAM 36	SAM 420	SAM 420LX	SAM HOSPYPY	SAM 50	NIVEC	OXY	SAM 17	SAM 427
MSP1123	10 Off SAM 53 regulator bodies	11006 10834	SAM 53 regulator Blanking plug										✓				
MSP1124	10 Off SAM 53 control knobs	11008	SAM 53 control knob										✓				
MSP1125	SAM 35/36 Pump & motor (230v, 50Hz)	LQ45	Pump & Motor SAM- Now obsolete					✓	✓								
MSP1126	SAM 35/36 Motor assembly (230v, 50Hz)	AF7.5A	Motor assembly Now obsolete					✓	✓								
MSP1127	Motor capacitor 5 MFD	010.02GU 010.46UU 210.97UU	5 MFD capacitor Capacitor clips M4 x 10					✓	✓								
MSP1128	SAM 35 internal tubing assembly	010.11UU 020.32UU 040.32UU 040.54UU 10150 10153 11138	Cable ties Neoprene tube T-connector 4 Way connector Silencer assembly Exhaust assembly Red rubber tube drawing no.12814					✓									
MSP1129	SAM 35/36 anti static castor	10175	Anti static castor - non locking					✓	✓								
MSP1130	100 Off M5 x 10 screws	210.64UU	M5 x 10 screw					✓	✓								
MSP1131	100 Off M6 full nut	210.68UU	M6 Full nut					✓	✓								
MSP1132	100 Off M4 x 10 screw	210.97UU	M4 x 10 Screw					✓	✓								

SPARE PARTS LIST

April 2005

ORDER REF	PACK DESCRIPTION	COMPONENTS	COMPONENT DESCRIPTION	SAM 12	SAM 14	SAM 15	SAM 18	SAM 35	SAM 36	SAM 420	SAM 420LX	SAM HOSPY	SAM 50	NIVEC	OXY	SAM 17	SAM 427
MSP1133	SAM 35 label set	040.05UU 10916	Exhaust outlet label SAM 35 label set					✓									
MSP1134	SAM 35/36 Case (metal)	10193 10239 360 210.97UU	SAM 35 case Gasket set Washer Screw					✓	✓								
MSP1135	SAM 35 / 36 bottle bracket bar	10897 10762	Bottle bracket bar M5 x 10 screw					✓	✓								
MSP1136	SAM 35 Manual	10002	SAM 35 manual					✓									
MSP1137	SAM 35/36 anti vibration mounts	10072 210.61UU 210.63UU	Anti vibration mounts M4 nut Washer					✓	✓								
MSP1138	1 Ltr bottle top assembly	8895	1 Litre Bottle Top							✓							
MSP1139	SAM 36 internal tubing assembly	010.11UU 020.32UU 040.32UU 040.54UU 10150 10153 11138	Cable ties Neoprene tube T-connector 4 Way connector Silencer assembly Exhaust assembly Red rubber tube drawing no.11547						✓								
MSP1140	SAM 36 label set	040.05UU 10916 11238	Exhaust outlet label SAM 36 label set SAM 36 ID label						✓								
MSP1141	SAM 36 Manual	11059	SAM 36 manual						✓								

SPARE PARTS LIST

April 2005

ORDER REF	PACK DESCRIPTION	COMPONENTS	COMPONENT DESCRIPTION	SAM 12	SAM 14	SAM 15	SAM 18	SAM 35	SAM 36	SAM 420	SAM 420LX	SAM HOSPY	SAM 50	NIVEC	OXY	SAM 17	SAM 427
MSP1142	Transfer Valve Washer (Pk 10)	020.19UU	Transfer valve washer	✓	✓	✓	✓	✓	✓								
MSP1143	Bottle bracket assembly	8738 10459 10956 210.63 UU 8741	Bottle clip Screw Screw Washer Flexible mount							✓							
MSP1144	Filter modification kit	040.54UU 060.14UU 060.31UU 10531 10532 210.63UU 210.77UU 450.96UU 450.97UU	4 Way connector Change label Disposable bacterial filter Yellow vacuum connector Yellow filter capsule mount M 4 washer M 3.5 screw Elbow 'O' ring Mount 'O' ring	✓	✓	✓	✓	✓	✓								

SPARE PARTS LIST

April 2005

ORDER REF	PACK DESCRIPTION	COMPONENTS	COMPONENT DESCRIPTION	SAM	SAM	SAM	SAM	SAM	SAM	SAM	SAM	SAM	SAM	NIVEC	OXY	SAM	SAM
				12	14	15	18	35	36	420	420LX	HOSPY	50			17	427
MSP1145	SAM 35 Abbott conversion kit	360 10439 10440 10441 10442 10443 10454 10455 10531 10762 11045 11085 210.17UU 210.79UU 210.97UU 2491 450.96UU	M 4 Washer Abbott bracket Abbott cradle Abbott canister Abbott liner (blue) Abbott liner (white) SAM 35 Abbott adapter bar SAM 35 Abbott adapter base Yellow elbow connector Screw M 5 PVC Tube 8mm ID Abbott liner set up instructions Washer M 5 Nut M 5 Screw M 4 Screw M 4 Elbow 'O' ring					✓									

SPARE PARTS LIST

April 2005

ORDER REF	PACK DESCRIPTION	COMPONENTS	COMPONENT DESCRIPTION	SAM 12	SAM 14	SAM 15	SAM 18	SAM 35	SAM 36	SAM 420	SAM 420LX	SAM HOSPY	SAM 50	NIVEC	OXY	SAM 17	SAM 427
MSP1146	SAM 12/14/18 Abbott conversion kit	10438 10440 10441 10442 11085 7794	Abbott adapter plate SAM 12/14/18 Abbott cradle Abbott canister Abbott liner (Blue) Set up instruction sheet M5 screw	✓	✓		✓										
MSP1147	SAM 12/14/18 mobile conversion kit	080.29UU 10948 5985 10890 10894 10895 11146 11206 2557 7848 8094 8880 8894	Plastic spacer No. 8 Screw M6 Nylon screw Washer 8mm Grey wheel SAM unit axle Mobile instruction leaflet Washer Nylon washer 8mm Thread guard SAM mobile handle Cable cleat spacer No. 10 Screw	✓	✓	✓	✓										

SPARE PARTS LIST

April 2005

ORDER REF	PACK DESCRIPTION	COMPONENTS	COMPONENT DESCRIPTION	SAM 12	SAM 14	SAM 15	SAM 18	SAM 35	SAM 36	SAM 420	SAM 420LX	SAM HOSPY	SAM 50	NIVEC	OXY	SAM 17	SAM 427
MSP1148	SAM 418 bottle conversion kit	11045 11227 11228 210.61UU 210.63UU 210.64UU 210.79UU	PVC Tube 8mm ID 1 Litre collection bottle Bottle bracket Nut M 4 Washer M 4 Screw M 5 Nut M 5							✓							
MSP1149	SAM 35 glass to SAM 2 kit	SAM 2 10531 10688	2 litre collection container complete Yellow elbow connector Bottle bracket clip					✓									
MSP1150	SAM 12/14/18 glass to SAM 2 conversion kit	SAM 2 10531 10688 11045 210.87UU 450.96UU 7370 8916	2 litre collection container complete Yellow elbow connector Bottle bracket clip PVC tube 8mm ID Screw M5 Elbow 'O' ring 5mm Dome nut Instruction sheet	✓	✓		✓										
MSP1151	SAM 35/36 footswitch kit	11112	Footswitch parts - SAM 35					✓	✓								
MSP1152	SAM 12/14/15/18 footswitch kit	98-360	Air operated footswitch	✓	✓	✓	✓										

SPARE PARTS LIST

April 2005

ORDER REF	PACK DESCRIPTION	COMPONENTS	COMPONENT DESCRIPTION	SAM 12	SAM 14	SAM 15	SAM 18	SAM 35	SAM 36	SAM 420	SAM 420LX	SAM HOSPY	SAM 50	NIVEC	OXY	SAM 17	SAM 427
MSP1153	SAM 12/18 bedside kit	10651 10999 11002 11012	Mobile base white Support tube bedside stand Washer base bedside stand Mobile tray SAM 12/18	✓			✓										
MSP1154	SAM 14 bedside kit	11137	Bedside stand assy SAM 14		✓												
MSP1155	Patient Multifit bubble tubing (30 m box)	090.33UU	Patient bubble tubing anti-static 7mm - 11mm	✓	✓	✓	✓	✓	✓	✓			✓				
MSP1156	Clear PVC tube (bottle to filter 30 m box)	11045	PVC tube 8mm ID	✓	✓	✓	✓	✓	✓	✓			✓				
MSP1157	Pack 10 off SAM420 Diaphragms	98-039	SAM420 Pump Diaphragm							✓							
MSP1158	Pack 10 off SAM420 Pump Closures	98-042	SAM420 Pump Closure							✓							
MSP1159	Pack 10 off mobile feet spacers	080.29UU 10948	Plastic spacer Screws No8 1 1/4	✓	✓	✓	✓										
MSP1160	SAM420 Abbott Conversion kit		SAM420 Abbott Conversion kit							✓							
MSP1161	SAM 12/14/18 Packing carton	97-386	SAM 12/14/18 Packing carton	✓	✓		✓										

SPARE PARTS LIST

April 2005

ORDER REF	PACK DESCRIPTION	COMPONENTS	COMPONENT DESCRIPTION	SAM 12	SAM 14	SAM 15	SAM 18	SAM 35	SAM 36	SAM 420	SAM 420LX	SAM HOSPY	SAM 50	NIVEC	OXY	SAM 17	SAM 427
MSP1162	Pack 10 Transfer valve screws for LQ pump	020.20UU	Transfer valve screws	✓	✓	✓	✓	✓	✓								
MSP1163	Pack 10 Exhaust filter SAM250	7358	Exhaust filter SAM250														
MSP1164	SAM250 nozzle kit	99-065	SAM250 nozzle kit-Pack 5														
MSP1165	SAM250 Hinged lid	99-066	SAM250 Hinged lid Pack 5-														
MSP1166	Fan cowl SAM Range	99	Fan cowl SAM Range	✓	✓	✓	✓	✓	✓								
MSP1167	SAM250 Connecting tube	7357	SAM250 Connecting tube														
MSP1168	Flexible carrying case	7682	Flexible carrying case for SAM420							✓							
MSP1169	Trolley bracket	8163	Silver trolley bracket for SAM420							✓							
MSP1170	Wall mounting bracket	7573(7787)	Wall mounting bracket for SAM420							✓							
MSP1171	Mouth nebuliser & nose piece	160.59UU	Mouth nebuliser & nose piece SAM250														
MSP1172	SAM250 Adult face mask	160.40UU	SAM250 Adult face mask														
MSP1173	SAM250 Paediatric mask	160.42UU	SAM250 Paediatric mask														
MSP1174 Obsolete	SAM418 Ni-cad battery	170.78UU	SAM418 Ni-cad battery														

SPARE PARTS LIST

April 2005

ORDER REF	PACK DESCRIPTION	COMPONENTS	COMPONENT DESCRIPTION	SAM 12	SAM 14	SAM 15	SAM 18	SAM 35	SAM 36	SAM 420	SAM 420LX	SAM HOSPY	SAM 50	NIVEC	OXY	SAM 17	SAM 427
MSP1175	SAM Hospy silicone tube 1.3m	00-1498	SAM Hospy silicone tube 1.3m									✓					
MSP1176	SAM Hospy silicone tube 42cm	00-1499	SAM Hospy silicone tube 42cm									✓					
MSP1177	SAM420L/SAM Hospy 500cc bottle	00-1500	SAM420L/SAM Hospy 500cc bottle														
MSP1178	SAM420L/SAM Hospy 500cc bottletop	00-1501	SAM420L/SAM Hospy 500cc bottletop														
MSP1179	SAM Hospy cannula	00-1502	SAM Hospy cannula									✓					
MSP1180	SAM Hospy suction regulator	00-1503	SAM Hospy suction regulator									✓					
MSP1181	SAM Hospy power cable	00-1504	SAM Hospy power cable									✓					
MSP1182	SAM420L/LX/Hospy bacterial filter	00-1505	SAM420L/LX/Hospy bacterial filter														
MSP1183	Battery charger	00-1506	SAM420L battery charger														
MSP1184	SAM420L 12v charger	00-1507	SAM420L 12v lighter cable														
MSP1185	SAM420L battery	00-1508	SAM420L battery														
MSP1186	NIVEC III joint tube	00-1509	NIVEC III joint tube											✓			
MSP1187	NIVEC ampoule plug	00-1510	NIVEC range ampoule plug medication holder/dispenser											✓			

SPARE PARTS LIST

April 2005

ORDER REF	PACK DESCRIPTION	COMPONENTS	COMPONENT DESCRIPTION	SAM 12	SAM 14	SAM 15	SAM 18	SAM 35	SAM 36	SAM 420	SAM 420LX	SAM HOSPY	SAM 50	NIVEC	OXY	SAM 17	SAM 427
MSP1188	Schuko cable (power)	00-1511	Schuko cable SAM 420LX								✓						
MSP1189	NIVEC range nose piece	00-1512	NIVEC range nose piece											✓			
MSP1190	NIVEC range mouth piece	00-1513	NIVEC range mouth piece											✓			
MSP1191	NIVEC range adult mask	00-1514	NIVEC range adult mask											✓			
MSP1192	NIVEC Paediatric mask	00-1515	NIVEC Paediatric mask											✓			
MSP1193	Vacuum gauge	00-1516	SAM420L & Hospy														
MSP1194	NIVEC II III IV V Filter	00-1517	NIVEC II,III,IV,V, Exhaust Filter (10 off)											✓			
MSP1195	NIVEC I Filter	00-1518	NIVEC I Filter (10 off)											✓			
MSP1196	NIVEC I Tube 600mm	00-1519	NIVEC I Tube 600mm											✓			
MSP1197	NIVEC IV Tube 900mm	00-1520	NIVEC IV Tube 900mm											✓			
MSP1198	Sealing Ring x 10	090.16UU	Sealing ring for lid on glass jar	✓	✓	✓	✓	✓	✓								
MSP1199	Catheter pack x 5	7685	Sam 420 catheter pack							✓							
MSP1202	500cc jar complete	00-1500 / 00-1501	Sam Hospy/420L Jar complete		✓												

SPARE PARTS LIST

April 2005

ORDER REF	PACK DESCRIPTION	COMPONENTS	COMPONENT DESCRIPTION	SAM 12	SAM 14	SAM 15	SAM 18	SAM 35	SAM 36	SAM 420	SAM 420LX	SAM HOSPY	SAM 50	NIVEC	OXY	SAM 17	SAM 427
MSP1203	1 Litre jar complete	00-1501 / 00-0087	Sam 420LX Jar complete		✓						✓						
MSP1204	Sam 420 Catheter & tube	7685 / 7686	Catheter and 2m tube		✓					✓							
MSP1205	Sam LQ pump conrod bearing	020.09UR	Conrod bearing	✓	✓	✓	✓	✓	✓								
MSP1206	Baseplate and mounts		SAM 35/36 baseplate & mounts					✓	✓								
MSP1207	MQ25 Pump complete	MQ25	MQ25 Pump 230V 50/60 Hz	✓	✓	✓											
MSP1208	Motor 230V 50/60 Hz	01-0225	MQ25 Motor 230V 50/60 Hz	✓	✓	✓											
MSP1209	MQ25 Pump head	01-0222	Connector set 2 off per pack	✓	✓	✓											
MSP1210	MQ45 Conrod assembly	01-0223	MQ45 Conrod assembly					✓	✓								
MSP1211	MQ25 P/H service kit	01-0224	MQ25 Pump head service kit	✓	✓	✓											
MSP1212	Consumable Spares kit	01-0224	Consumable spares kit (MQ25)	✓	✓	✓											
MSP1213	Sam 420LX I litre Jar	01-0087	I litre jar only Sam 420LX								✓						
MSP1215	Carry Case Sam 420LX	01-0106	Carry case with strap Sam 420LX								✓						
MSP1216	Pennine ring holder x 1	7308	Metal ring jar holder					✓	✓								

SPARE PARTS LIST

April 2005

ORDER REF	PACK DESCRIPTION	COMPONENTS	COMPONENT DESCRIPTION	SAM 12	SAM 14	SAM 15	SAM 18	SAM 35	SAM 36	SAM 420	SAM 420LX	SAM HOSPY	SAM 50	NIVEC	OXY	SAM 17	SAM 427
MSP1217	Sam 12 internal tubing	01-0246	Sam 12 (MQ25) Internal Tubing	✓													
MSP1218	Sam 14 internal tubing	01-0247	Sam 14 (MQ25) Internal Tubing		✓												
MSP1219	PSU mounting bracket	01-0170	Sam 420 PSU mounting Bracket							✓							
MSP1220	Sam 420 ASPI I.D. Label		ASPI I.D. Label							✓							
MSP1221	Sam 420L/LX/Hospy Bacterial Filters x 24	00-1505	Green bacterial filters								✓						
MSP1222	Sam 420L/LX/Hospy Bacterial Filters x 12	00-1505	Green bacterial filters								✓						
MSP1223	Sam 420L/LX/Hospy Bacterial Filters x 72	00-1505	Green bacterial filters								✓						
MSP1224	LQ25 cooling fan	98	Cooling fan (1 off)	✓	✓	✓											
MSP1225	2A fuses x 10	11159	Pack of 10 2A fuses	✓	✓	✓		✓	✓								
MSP1226	MQ45 Pump complete	MQ45	Pump 230V 50/60Hz MQ45					✓	✓								
MSP1227	Motor 230V 50/60 Hz	01-0227	MQ45 Motor 230V 50/60 Hz					✓	✓								
MSP1228	Sam 35 internal tubing	01-0244	Sam 35 (MQ45) Internal Tubing					✓									
MSP1229	MQ45 Service Kit	01-0242	MQ45 pump service kit					✓	✓								
MSP1230	MQ45 Pump head	01-0222	Connector set 4 off per pack					✓	✓								

SPARE PARTS LIST

April 2005

ORDER REF	PACK DESCRIPTION	COMPONENTS	COMPONENT DESCRIPTION	SAM 12	SAM 14	SAM 15	SAM 18	SAM 35	SAM 36	SAM 420	SAM 420LX	SAM HOSPY	SAM 50	NIVEC	OXY	SAM 17	SAM 427
MSP1231	Consumable Spares kit		Consumable spares kit (MQ45)					✓	✓								
MSP1232	Rail clamp & V bracket	10554	Rail clamp & V bracket										✓				
MSP1233	Vacuum hose & probe	10968	Vacuum hose and probe (4m)										✓				
MSP1234	Sam 36 internal tubing	01-0245	Sam 36 (MQ45) Internal Tubing						✓								
MSP1235	MQ25 replacement LQ25	MQ25	Replacement pump Sam 12/15	✓		✓											
MSP1236	MQ45 replacement LQ45	MQ45	Replacement pump Sam 35					✓									
MSP1238	Changeover valve o-ring	100.06UU	O-ring x 10 SAM 14/35		✓			✓									
MSP1239	MQ25 replacement LQ25		Replacement pump Sam 14		✓												
MSP1240	MQ45 replacement LQ45		Replacement pump Sam 36						✓								
MSP1241	Abbott ring holder x 2	01-0220	Metal ring jar holder					✓	✓								
MSP1242	Internal inline Silencer	10150	Inline silencer Sam 35/36					✓	✓								
MSP1243	Relief Valve Assembly	10292	Relief Valve Assembly SAM 18				✓										
MSP1248	Diaphragm Assembly	02-0034	Nivec IV Diaphragm Assembly											✓			

SPARE PARTS LIST

April 2005

ORDER REF	PACK DESCRIPTION	COMPONENTS	COMPONENT DESCRIPTION	SAM 12	SAM 14	SAM 15	SAM 18	SAM 35	SAM 36	SAM 420	SAM 420LX	SAM HOSPY	SAM 50	NIVEC	OXY	SAM 17	SAM 427
MSP1249	Top Cover	02-0035	Nivec IV top cover											✓			
MSP1250	On/off Switch	02-0036	Nivec IV & V On/off switch											✓			
MSP1251	Diaphragm Assembly	02-0037	Nivec I Diaphragm Assembly											✓			
MSP1252	On/off switch	02-0038	On/off switch Nivec I											✓			
MSP1253	Motor Pump	02-0039	Nivec V pump											✓			
MSP1254	Top Cover	02-0040	Nivec V top cover											✓			
MSP1255	Antistatic Tubing	090.23UU	Black antistatic tubing					✓	✓								
MSP1256	Wall Bracket	02-0043	For hanging 420L & LX by strap								✓						
MSP1257	Wall Bracket Large	02-0044 / 02-0045	Sam 420L & LX Large bracket for wall mounting								✓						
MSP1258	Pennine Jar holder x 1	01-0228	Metal jar holder					✓	✓								
MSP1259	MQ25 Conrod assembly	02-0078	MQ25 Conrod assembly	✓	✓	✓											
MSP1260	Vacuum Hose & Probe	00-1623	Vacuum hose BS5682 probe 3m										✓				
MSP1261	Medication cups	02-0114	Nivec Ultra Medication cup x15											✓			
MSP1262	Air Filters	02-0115	Nivec Ultra Air Filters (10 off)											✓			

SPARE PARTS LIST

April 2005

ORDER REF	PACK DESCRIPTION	COMPONENTS	COMPONENT DESCRIPTION	SAM 12	SAM 14	SAM 15	SAM 18	SAM 35	SAM 36	SAM 420	SAM 420LX	SAM HOSPY	SAM 50	NIVEC	OXY	SAM 17	SAM 427
MSP1263	Adult Mask	02-0116	Nivec Ultra Adult Mask (1 off)											✓			
MSP1264	Child Mask	02-0117	Nivec Ultra Childs Mask (1 off)											✓			
MSP1265	Extension Tube	02-0118	Nivec Ultra Extension Tube											✓			
MSP1266	AC Adaptor	02-0119	Nivec Ultra AC Adaptor (UK)											✓			
MSP1267	AC Adaptor	02-0120	Nivec Ultra AC Adaptor (EUR)											✓			
MSP1268	Mouth Piece	02-0121	Nivec Ultra Mouth Piece											✓			
MSP1269	Nose Piece	02-0122	Nivec Ultra Nose Piece											✓			
MSP1270	Filter Cover	02-0123	Nivec Ultra Filter Cover											✓			
MSP1271	Fan	02-0124	Nivec Ultra Fan											✓			
MSP1272	Top Cover	02-0125	Nivec Ultra Top Cover											✓			
MSP1273	Carry Bag	02-0126	Nivec Ultra Soft Carry Bag											✓			
MSP1274	Gift Box	02-0127	Nivec Ultra Gift Box											✓			
MSP1275	Instruction Manual	02-0128	Nivec Ultra Instruction Manual											✓			
MSP1276	Battery	02-0129	Nivec Ultra Battery											✓			

SPARE PARTS LIST

April 2005

ORDER REF	PACK DESCRIPTION	COMPONENTS	COMPONENT DESCRIPTION	SAM 12	SAM 14	SAM 15	SAM 18	SAM 35	SAM 36	SAM 420	SAM 420LX	SAM HOSPYPY	SAM 50	NIVEC	OXY	SAM 17	SAM 427
MSP1277	Lighter Lead	02-0133	SAM 420LX 12v lighter lead								✓						
MSP1278	Power Supply	02-0134 00-1504	SAM 420LX Power Supply (UK Plug - IEC Lead)								✓						
MSP1279	Packing Carton	7767	SAM420 Packing Box Complete							✓							
MSP1280	Patient Tubing	160.35UU	SAM220 Patient Tubing (2 off)							✓							
MSP1281	Right Bracket		SAM50 Drager Right Bracket										✓				
MSP1282	Left Bracket		SAM50 Drager Left Bracket										✓				
MSP1283	Probe for Oxyflow	02-0172	SAM Oxyflow BS5682												✓		
MSP1284	Tube Connector	02-0177	SAM Oxyflow Patient Tube con												✓		
MSP1285	Flow Regulator Knob	02-0178	SAM Oxyflow Yellow Knob												✓		
MSP1286	Probe Gasket	02-0179	SAM Oxyflow Probe Gasket												✓		
MSP1287	Scale & Cover	02-0180	SAM Oxyflow 15L scale/ cover												✓		
MSP1288	Scale & Cover	02-0181	SAM Oxyflow 10L scale & cover												✓		
MSP1289	Metal Body	02-0182	SAM Oxyflow Metal Body												✓		

SPARE PARTS LIST

April 2005

ORDER REF	PACK DESCRIPTION	COMPONENTS	COMPONENT DESCRIPTION	SAM 12	SAM 14	SAM 15	SAM 18	SAM 35	SAM 36	SAM 420	SAM 420LX	SAM HOSPY	SAM 50	NIVEC	OXY	SAM 17	SAM 427
MSP1290	4 Litre Bottle and Top	02-0187	SAM35 4 litre Bottle and Top					✓									
MSP1291	Power Supply	02-0134 00-1511	SAM420LX Power Supply (EURO - Schuko Cable)								✓						
MSP1292	On/Off Switch	02-0199	SAM 420L On/Off Switch														
MSP1293	Flow Regulation Knob	02-0198	SAM 420L Flow Regulation knob														
MSP1294	Abbott Cannister & Liner	10441 / 10442	Abbott Canister & Liner (Blue)	✓	✓	✓	✓	✓	✓				✓				
MSP1295	Vacuum Hose & Probe	02-0197	Hose & BS5682 Probe 6M										✓				
MSP1296	Car/Cigarette Power Lead	02-0236	Nivec Ultra Power lead											✓			
MSP1297	Filter Cover	03-0015	Nivec I Filter Cover (10 off)											✓			
MSP1299	Battery charger (EUR)	00-1697	SAM 420L Battery Charger EUR							✓							
MSP1300	Cap Filter & Mount Kit	060.28UU 060.31UU 450.93UU	Filter capsule mount green Disposable Filter capsule Vacuum Connector Blue														

SPARE PARTS LIST

April 2005

ORDER REF	PACK DESCRIPTION	COMPONENTS	COMPONENT DESCRIPTION	SAM 12	SAM 14	SAM 15	SAM 18	SAM 35	SAM 36	SAM 420	SAM 420LX	SAM HOSPY	SAM 50	NIVEC	OXY	SAM 17	SAM 427
MSP1301	Filter Inlet Adaptor	03-0081	SAM 420L/LX Filter Inlet Adapt								✓						
MSP1302	Plastic Case Back	7690	SAM 420 Plastic Case Back							✓							
MSP1303	Fuse Block-Housing	03-0094	SAM 420L Fuse Block-Housing														
MSP1304	Power Circuit Board	03-0095	SAM 420L Electronic PCB														
MSP1305	Float Valve for SAM 420L & 420LX	03-0105	SAM 420L/LX Float Valve (5off)								✓						
MSP1306	Overflow O Ring	00-1735	SAM 50 Overflow O ring (10off)										✓				
MSP1307	MQ8 Pump assembly (LQ8 replace)		MQ8 Pump assembly (LQ8 rep)				✓										
MSP1308	MQ8 pump Service Kit	03-0144	Service kit for MQ8				✓										
MSP1309	Connector Rod Assembly	03-0125					✓										
MSP1310	Vacuum Hose Assembly MQ8		Vacuum hose assembly - MQ8				✓										
MSP1311	Exhaust hose Assembly MQ8		Exhaust hose assembly - MQ8				✓										
MSP1312	MQ8 pump nozzle	03-0143	Port - MQ8				✓										
MSP1313	M4x12 MQ8 p/plate screw (100)	00-0071 210-63UU	Base fasteners				✓										

SPARE PARTS LIST

April 2005

ORDER REF	PACK DESCRIPTION	COMPONENTS	COMPONENT DESCRIPTION	SAM 12	SAM 14	SAM 15	SAM 18	SAM 35	SAM 36	SAM 420	SAM 420LX	SAM HOSPY	SAM 50	NIVEC	OXY	SAM 17	SAM 427
MSP1314	MQ8 pump plate	03-0019	Mounting plate - MQ8				✓										
MSP1316	SAM oxyflow ¼ - 9/16 Adaptor	04-0063	To connect D200 to Oxyflows												✓		
MSP1317	SAM35 2L-4L Bottle Conversion Kit	03-0092	4 litre collection vessel assy					✓									
MSP1318	Abbott Liner Blue Top	10442	Abbott liner blue F806	✓	✓		✓	✓					✓				
MSP1319	Green Elbow Connector (10 off)	04-0296	Vacuum connector green													✓	✓
MSP1320	SAM17 vacuum control knob	04-0293 / 04-0294	Knob-40mm dia, 8m collet/cap 40mm dia													✓	
MSP1321	SAM17 green T Piece (10 off)	04-0283	Tee fitting green													✓	✓
MSP1322	SAM427 Moulded Case	04-0321	SAM427 case modification														✓
MSP1323	SAM17 Vac Gauge 0-70cm H2O	04-0270	Vacuum gauge 0 to 70cm H2O													✓	✓
MSP1324	SAM17 Vac Gauge 0-200cm H2O	04-0286	Vacuum gauge 0 to 20cm H2O													✓	
MSP1325	SAM427 Vacuum Control Valve	04-0274	Bleed valve assembly														✓
MSP1326	Internal Hose Assembly SAM427	04-0256	Tubing layout assy SAM427														✓
MSP1327	SAM427 instruction manual	Manual110	SAM427 O&M manual														✓

SPARE PARTS LIST

April 2005

ORDER REF	PACK DESCRIPTION	COMPONENTS	COMPONENT DESCRIPTION	SAM 12	SAM 14	SAM 15	SAM 18	SAM 35	SAM 36	SAM 420	SAM 420LX	SAM HOSPY	SAM 50	NIVEC	OXY	SAM 17	SAM 427
MSP1328	Green filter mount (10)	04-0297	Filter capsule mount green													✓	✓
MSP1329	SAM420 Conrod and Bearing Assembly	04-0479	Thomas SAM420 conrod & bearing							✓							
MSP1330	SAM17 Label set7	04-0269 / 04-0280 / 04-0284	Label set SAM17 connections													✓	✓
MSP1331	SAM17 Internal Hose Assembly	04-0249	Tubing layout assembly SAM17													✓	
MSP1332	SAM17 plastic case cover	04-0285	Case moulding SAM17													✓	
MSP1333	SAM17 case back	04-0264	Back green SAM17													✓	
MSP1334	SAM17 plastic case base	04-0263	Base green SAM17													✓	
MSP1335	SAM17 Vacuum Control Valve	04-0303	Ball valve - modified													✓	
MSP1336	SAM17 Gauge Adaptor	04-0282	Adapter gauge													✓	✓
MSP1337	Drager Rail Clamp	00-1621	Wall bracket clamp										✓				
MSP1338	SAM420 Diaphragm screw 50off	04-0560	10-24 Unc Socket set screw							✓							
MSP1339	Abb cradle wall bracket 5off	10439	Abbot bracket E115														
MSP1340	Vacsax 2L V Cannister	04-0379	Polycarbonate Container-2litre														

SPARE PARTS LIST

April 2005

ORDER REF	PACK DESCRIPTION	COMPONENTS	COMPONENT DESCRIPTION	SAM 12	SAM 14	SAM 15	SAM 18	SAM 35	SAM 36	SAM 420	SAM 420LX	SAM HOSPY	SAM 50	NIVEC	OXY	SAM 17	SAM 427
MSP1341	Vacsax 2L Liner pack of 25	04-0380	Vacsax 2L liner V bracket														

Various voltage options available on request. Manuals are supplied in various languages on request.