

HPLC Pump Spares Price List

January 2020

Make & Model / Part Description	OEM Ref	Part No	List Price
ABI - any			
refer to DIONEX - 300C			
ACS - 300, 400, 500 Series			
Piston Assembly - Sapphire	1 / 22148	LCP-S1034	£219.45
Piston Seal - Black	1 / 22626	LCP-J1894	£38.00
Check Valve Cartridge	Equiv. to 1 / 22229	LCP-H1210	£85.45
Check Valve Body	N / A	LCP-H1033	£92.60
AGILENT - 1050, 1090, 1100, 1200			
1050, 1100 & 1200 Piston Assembly - Sapphire	5063-6586	LCP-S1473	£89.15
1090 Piston Assembly - Sapphire	3080-0672	LCP-S1474	£116.00
1290 Piston Assembly - Ceramic 100ul	5067-5678	LCP-S2019	£138.60
Piston Seal - Black All Models	n/a	LCP-J3583	£23.15
	(5063-6589 = pack of 2)		
Piston Seal - Yellow All Models	0905-1420	LCP-J1019	£23.15
Wash Seal - Black - 1050, 1100 & 1200	0905-1175	LCP-J1372	£20.30
Wash Seal - Yellow - 1050, 1100 & 1200	0905-1718	LCP-J3772	£23.75
Metering Seal - Yellow - 1260	0905-1717	LCP-J3795	£45.45
PTFE Purge Valve Frit (Pack of 5)	01018-22707	LCP-H1760	£20.60
Inlet / Outlet Check Valve Cartridge 1090	79835-67101	LCP-H1452	£85.45
ALCOTT - any			
refer to BISCHOFF - 2200			
ALTEX - any			
refer to BECKMAN - same			
ANSPEC - SM 909			
refer to BISCHOFF - 2200			
BAS - PM-60			
refer to KNAUER - 64			
BECKMAN - 100			
Piston Assembly - Sapphire	100-07	LCP-S1032	enquire
Piston Seal - Black	887138	LCP-J1656	£32.00
Piston Guide Assembly	243045	LCP-H1026	£68.30
Inlet Check Valve Assembly	243038	LCP-H1320	£176.30
Outlet Check Valve Assembly	243040	LCP-H1321	£176.30
Alternate Check Valves :			
Inlet Check Valve Cartridge	240620	LCP-H1594	£160.30

Outlet Check Valve Cartridge	240621	LCP-H1595	£165.15
Outlet Check Valve Cartridge Filter	240619	LCP-H1596	£33.45
<u>BECKMAN - 110</u>			
Piston Assembly - Sapphire	243053	LCP-S1023	enquire
Piston Seal - Black	887138	LCP-J1656	£32.00
Piston Guide Assembly	243045	LCP-H1026	£68.30
Inlet Check Valve Assembly	243054	LCP-H1358	£206.30
Outlet Check Valve Assembly	243040	LCP-H1321	£176.30
Alternate Check Valves :			
Inlet Check Valve Cartridge	240620	LCP-H1594	£160.30
Outlet Check Valve Cartridge	240621	LCP-H1595	£165.15
Outlet Check Valve Cartridge Filter	240619	LCP-H1596	£33.45
<u>BECKMAN - 112</u>			
Piston Assembly - Sapphire	243053	LCP-S1023	enquire
Piston Seal - Black	236797	LCP-J1895	£39.75
Inlet Check Valve Assembly	243038	LCP-H1320	£176.30
Outlet Check Valve Assembly	243040	LCP-H1321	£176.30
Alternate Check Valves :			
Inlet Check Valve Cartridges	240620	LCP-H1594	£160.30
Outlet Check Valve Cartridges	240621	LCP-H1595	£165.15
Outlet Check Valve Cartridge Filter	240619	LCP-H1596	£33.45
<u>BECKMAN - 114, 116, 118, 125, 126, 127, 128</u>			
Piston Assembly - Sapphire	240714	LCP-S1475	£237.45
Piston Seal - Black	237162	LCP-J1490	£30.30
Piston Seal - Clear	N / A	LCP-J1896	enquire
Secondary Seal - Grey	238627	LCP-J1880	£29.15
Inlet Check Valve Assembly	243038	LCP-H1320	£176.30
Outlet Check Valve Assembly	243040	LCP-H1321	£176.30
Alternate Check Valves :			
Inlet Check Valve Cartridges	240620	LCP-H1594	£160.30
Outlet Check Valve Cartridges	240621	LCP-H1595	£165.15
Outlet Check Valve Cartridge Filter	240619	LCP-H1596	£33.45
<u>BIO-RAD - 1330, 1350, 2700</u>			
Piston Assembly - Sapphire	125-0304	LCP-S1502	£201.75
Piston Seal - Black	125-0302	LCP-J1410	£22.30
Piston Seal - Yellow	N / A	LCP-J1353	£34.60
Inlet Check Valve Assembly	125-0306	LCP-H1396	£176.30
Outlet Check Valve Assembly	125-0307	LCP-H1397	£176.30
<u>BIOTEK INSTRUMENTS - any</u>			
refer to KONTRON - same			

<u>BISCHOFF - 2200, 2250, 2500 Analytical</u>	-	-	-
Piston Assembly - Sapphire	2200-0210	LCP-S1258	enquire
Primary Piston Seal - Black	2200-0211	LCP-J1788	£24.00
Primary Piston Seal - Clear	N / A	LCP-J1849	£23.15
Sapphire Backing Ring	N / A	LCP-S1693	£45.15
Secondary Piston Seal - Black	N / A	LCP-J1242	£20.30
Inlet Check Valve Cartridge	2200-0220	LCP-S1266	enquire
Inlet Check Valve Housing	2200-0240	LCP-S1554	enquire
Outlet Check Valve Cartridge	2200-0230	LCP-S1267	enquire
Outlet Check Valve Housing	2200-0240	LCP-S1554	enquire
<u>BISCHOFF - 2200, 2250, 2500 Microflow</u>	-	-	-
Piston Assembly - Sapphire	2200-1210	LCP-S1259	enquire
Piston Seal - Black	2200-0112	LCP-J1581	£38.00
Piston Seal - Yellow	N / A	LCP-J2988	£40.30
Sapphire Backing Ring	N / A	LCP-S1492	£45.15
Inlet Check Valve Cartridge	2200-0120	LCP-S1264	enquire
Inlet Check Valve Housing	2200-0240	LCP-S1554	enquire
Outlet Check Valve Cartridge	2200-0130	LCP-S1265	enquire
Outlet Check Valve Housing	2200-0240	LCP-S1554	enquire
<u>CECIL - 1000</u>	-	-	-
refer to KNAUER - 64			
<u>CECIL - 1100</u>	-	-	-
refer to KNAUER - K120			
<u>DIONEX - AGP, DQP, DRP, DXP, GPM-1, GPM-2, 2000, 4000</u>	-	-	-
Piston Assembly - Sapphire	036904	LCP-S1503	enquire
Piston Seal with Spring	040859	LCP-H1401	enquire
Piston Seal with O Ring	035686	LCP-H1402	enquire
Back Up Seal	036901	LCP-H1403	£14.90
Inlet Check Valve Assembly	038273	LCP-H1398	enquire
Outlet Check Valve Assembly - Old	038272	LCP-H1399	enquire
Outlet Check Valve Assembly - New	042761	LCP-H1400	enquire
<u>DIONEX - 300C, 300CP, M480, P580, P680 Analytical, Ultimate 3000</u>	-	-	-
Piston Assembly - Sapphire NOT FOR ULTIMATE	2267.0032	LCP-S1055	£133.75
Piston Seal - Black	N / A	LCP-J1560	£21.15
Piston Seal - Yellow	2266.0304	LCP-J1155	£23.75
Piston Seal - Inert	6266.0305	LCP-J3859	£53.15
Seal Backing Ring	5005.2004	LCP-J1565	£9.75
Piston Seal Kit - Yellow (1 seal + 1 b/ring)	6025.2010	LCP-J1451	£30.30
Piston Seal Kit - Yellow (2 seals + 1 b/ring)	6025.2010A	LCP-J1452	£51.15
Piston Seal Kit - Yellow (2 seals)	6040.0304	LCP-J2095	£42.60
Piston Seal Kit - Black (1 seal + 1 b/ring)	6025.2011	LCP-J1566	£28.00
Piston Seal Kit - Black (2 seals + 1 b/ring)	6025.2011A	LCP-J1745	£46.85
Ring Seal - PTFE	2266.0081	LCP-H1593	£3.45

Wash Seal	2266.0304B	LCP-J1590	£21.15
Flush Seal Kit	6040.2208	LCP-H1980	£35.45
Inlet Check Valve Assembly - Cartridge Type	5020.2100	LCP-H1786	£160.30
Outlet Check Valve Assembly - Cartridge Type	5020.2200	LCP-H1787	£160.30
Inlet / Outlet Check Valve Cartridge	5020.2300	LCP-H1783	£85.45
Inlet / Outlet Check Valve Cartridge - Ceramic	6041.2301	LCP-H1997	£137.45
<u>DIONEX - 300C, 300CP, M480, P580, P680, Prep</u>			
Piston Assembly - Alumina	2267.0802	LCP-S1794	£370.30
Piston Seal - Black	2266.0804	LCP-J1897	£45.15
Inlet Check Valve Assembly	5005.3200	LCP-H1322	£165.15
Outlet Check Valve Assembly	5005.3100	LCP-H1323	£165.15
Inlet / Outlet Check Valve Repair Kit	N / A	LCP-H1431	£40.30
<u>DIONEX - ICS 3000 & ICS 5000</u>			
Piston Seal - Yellow (O Ring energiser)	064946	LCP-J4009	£58.90
Wash Seal - Yellow (No energiser)	063382	LCP-J4012	£26.00
O Ring for Wash Chamber - Black	040695	LCP-H1989	£0.90
O Ring for Wash Chamber - White	062080	LCP-H1996	£3.45
<u>DIONEX - Miscellaneous</u>			
Autosampler Needle Port Seal - Ultimate	6820.0038	LCP-H1660	£22.60
Autosampler Needle Port Seal - GINA	5805.1334	LCP-H1122	£16.00
<u>ESA - 580</u>			
Piston Assembly - Sapphire	70-1166	LCP-S1162	£160.60
Piston Seal - Black	70-3602	LCP-J1641	£33.45
Inlet Check Valve Assembly - Cartridge Type	Equiv. to 70-0734	LCP-H1630	£160.30
Outlet Check Valve Assembly - Cartridge Type	Equiv. to 70-0735	LCP-H1631	£160.30
Inlet / Outlet Check Valve Cartridge	N / A	LCP-H1566	£85.45
<u>ESA - 582</u>			
Piston Assembly - Zirconia	70-4086	LCP-S1758	£168.30
Piston Seal - Black	70-3602	LCP-J1641	£33.45
Inlet Check Valve Assembly - Cartridge Type	Equiv. to 70-4056	LCP-H1626	£160.30
Outlet Check Valve Assembly - Cartridge Type	Equiv. to 70-4057	LCP-H1631	£160.30
Inlet / Outlet Check Valve Cartridge	N / A	LCP-H1566	£85.45
<u>FLUX - Rheos 2000 & 4000</u>			
Piston Assembly - Zirconia	10004	LCP-S1733	£211.15
Piston Seal - Black	90001	LCP-J1776	£22.60
Piston Seal - Clear	N / A	LCP-J1845	£23.15
Secondary Seal - Clear	90002	LCP-J1734	£20.30
Check Valve Cartridge	N / A	LCP-H1550	£85.45
<u>GBC - LC 1110</u>			
Piston Assembly - Sapphire	251-0010	LCP-S1453	£255.50
Piston Seal - Black	100-3101	LCP-J1244	£28.30
Piston Seal - Yellow	N / A	LCP-J1507	£32.00
Check Valve Cartridge	N / A	LCP-H1382	£85.45

GBC - LC 1120	-	-	-
Piston Assembly - Sapphire	951.00-15	LCP-S1504	enquire
Piston Seal - Black c/w Back Up	200-0006	LCP-J1120	£38.30
Piston Seal - Yellow c/w Back Up	N / A	LCP-J1116	£45.15
Check Valve Cartridge	N / A	LCP-H1383	£85.45
GBC - LC 1150	-	-	-
Piston Assembly - Sapphire	951.00-15	LCP-S1504	enquire
Piston Seal - Black c/w Back Up	200-0006	LCP-J1120	£38.30
Piston Seal - Yellow c/w Back Up	N / A	LCP-J1116	£45.15
Check Valve Cartridge	200-0007	LCP-H1281	£85.45
GBC - 1500	-	-	-
refer to KNAUER - 64			
GE - AKTA Explorer, Avant, Prime, Pilot, Frac, P960			
Piston Assembly - 10	N / A	LCP-S1954	£186.30
Piston Kit - 10	18-1120-75	LCP-H1939	£240.90
Piston Assembly - 100	N / A	LCP-H1922	£240.90
Piston Kit - 100	18-1112-13	LCP-H1934	£281.15
Piston Seal - 10 & 25 - Black	N / A	LCP-J3338	£ 42.00
Piston Seal - 100 & 150 - Black	N / A	LCP-J3466	£ 48.00
Piston Seal Kit - 10 (2+2+2)	18-1120-77	LCP-J2247	£ 83.75
Piston Seal Kit - 10 (4+4+4)	N / A	LCP-J2155	£ 158.90
Piston Seal Kit - 25 (2+2+2+2) No Housing	28-9526-42	LCP-H1962	£ 140.90
Piston Seal Kit - 100 (2+2)	18-1112-04	LCP-J2248	£ 96.00
Piston Seal Kit - 100 (4+4)	18-1113-12	LCP-J2188	£ 176.00
Piston Seal Kit - 150 (2+2+2+2) No Housing	28-9793-73	LCP-H1967	£ 157.75
Purge Valve O Ring Kit (pack of 10)	19-0036-01	LCP-H1966	£ 53.15
P 960 O Ring Kit - Old	28-9398-62	LCP-H1978	£ 104.60
P 960 O Ring Kit - New	28-9394-97	LCP-H1979	£ 138.90
Seal Kit - PILOT 400	18-1169-91	LCP-H1945	£ 390.60
Piston Seal - Prime Plus - Old	N / A	LCP-J3390	£ 46.30
Piston Seal - Prime Plus - New	N / A	LCP-J3642	£ 46.30
Piston Seal - FRAC 950	N / A	LCP-J3718	£ 46.30
Sealing Kit - 20 FPLC	18-1032-16	LCP-H1984	£ 152.30
Check Valve Cartridge Kit	N / A	LCP-H1914	£170.90
GILSON - 30X SC & WSC 5ml Head	-	-	-
SC Piston Assembly - Sapphire	E 50008 / 3650008	LCP-S1460	£141.75
Piston Seal - Black	400112 / 5463088063	LCP-J1876	£30.90
Piston Seal - Yellow	400120 / 5463088863	LCP-J1877	£39.75
Backing Ring for Seals	E 50014	LCP-H1554	£10.30
Inlet Check Valve Body	E 50131	LCP-H1480	£99.15
Inlet Check Valve Cartridge	E 50082	LCP-H1465	£103.45
Outlet Check Valve Body	E 50121	LCP-H1481	£104.90
Outlet Check Valve Cartridge	E 50085	LCP-H1466	£103.45
Outlet Check Valve Washer Blank	E 45329	LCP-H1049	£16.00
Outlet Check Valve Filter	E 45333	LCP-H1050	£23.75

Inlet Check Valve Cartridge	Equiv. to 3650170	LCP-H1531	£85.45
Outlet Check Valve Cartridge	Equiv. to 3650180	LCP-H1532	£85.45
<u>GILSON - 30X SC & WSC 10ml Head</u>			
SC Piston Assembly - Sapphire	E 50009 / 3650009	LCP-S1461	£165.15
WSC Piston Assembly - Sapphire	E 50010 / 3650010	LCP-S1462	£240.30
Piston Seal - Black	400111 / 5463125095	LCP-J1878	£33.45
Piston Seal - Yellow	400121 / 5463125895	LCP-J1169	£31.15
Piston Seal - Yellow (Wti only)	400125 / 5463125896	LCP-J3284	£62.30
Backing Ring for Seals	E 50015	LCP-H1555	£10.30
Inlet Check Valve Body	E 50131	LCP-H1480	£99.15
Inlet Check Valve Cartridge	E 50082	LCP-H1465	£103.45
Outlet Check Valve Body	E 50121	LCP-H1481	£104.90
Outlet Check Valve Cartridge	E 50085	LCP-H1466	£103.45
Outlet Check Valve Washer Blank	E 45329	LCP-H1049	£16.00
Outlet Check Valve Filter	E 45333	LCP-H1050	£23.75
Inlet Check Valve Cartridge	Equiv. to 3650170	LCP-H1531	£85.45
Outlet Check Valve Cartridge	Equiv. to 3650180	LCP-H1532	£85.45
<u>GILSON - 30X SC & WSC 25ml Head</u>			
SC Piston Assembly - Sapphire	E 50011 / 3650011	LCP-S1468	£176.00
Piston Seal - Black	400117 / 5463050025	LCP-J1875	£40.60
Piston Seal - Yellow	400122 / 5463050825	LCP-J1145	£42.00
Backing Ring for Seals	E 50016	LCP-H1556	£10.30
Inlet Check Valve Body	E 50131	LCP-H1480	£99.15
Inlet Check Valve Cartridge	E 50082	LCP-H1465	£103.45
Outlet Check Valve Body	E 50121	LCP-H1481	£104.90
Outlet Check Valve Cartridge	E 50085	LCP-H1466	£103.45
Outlet Check Valve Washer Blank	E 45329	LCP-H1049	£16.00
Outlet Check Valve Filter	E 45333	LCP-H1050	£23.75
Inlet Check Valve Cartridge	Equiv. to 3650170	LCP-H1531	£85.45
Outlet Check Valve Cartridge	Equiv. to 3650180	LCP-H1532	£85.45
<u>GILSON 30X SC & WSC 50ml Head</u>			
Piston Seal - Black	400116 / 5463070020	LCP-J1898	£32.00
Piston Seal - Yellow	400123 / 5463070820	LCP-J1164	£28.00
<u>GILSON 30X SC & WSC 100ml Head</u>			
Piston Seal - Black	400103 / 5463394062	LCP-J1899	£29.15
Piston Seal - Yellow	400124 / 5463394862	LCP-J1900	£38.00
<u>GILSON 32X H1 & H2</u>			
H1 Piston Seal - Black	38013222	LCP-J1885	£42.60
H1 Piston Seal - Yellow	38013220	LCP-J1886	£48.90
H2 Piston Seal - Black	38013224	LCP-J1468	£42.60
H2 Piston Seal - Yellow	38013223	LCP-J1171	£48.90
H1 Inlet Check Valve Cartridge	Equiv. to 3650170	LCP-H1531	£85.45
H1 & H2 Outlet Check Valve Cartridge	Equiv. to 3650180	LCP-H1532	£85.45

<u>GILSON 33X H3</u>			
Piston Seal - Yellow	38013261	LCP-J2261	£61.80
<u>GILSON - Miscellaneous</u>	-	-	-
Titanium Mixer Kit	N / A	LCP-H1425	£97.75
<u>GYNKOTEK - any</u>	-	-	-
refer to DIONEX - same			
<u>HPLC TECH - RR-066 L</u>	-	-	-
refer to ACS - 300			
<u>ICI - K 35</u>	-	-	-
refer to GBC - LC 1110			
<u>JASCO - PU-880, PU-980, PU-1580, BIP 1</u>	-	-	-
Piston Assembly - Sapphire	107 JA	LCP-S1104	£133.75
Piston Seal - Yellow	150 JA	LCP-J1374	£35.45
Piston Seal - Black	148 JA	LCP-J1815	£31.15
Inlet Check Valve Assembly (Isocratic)	404 JA	LCP-H1364	£176.30
Inlet Check Valve Assembly (Gradient)	406 JA	LCP-H1434	£176.30
Outlet Check Valve Assembly	405 JA	LCP-H1365	£176.30
Check Valve Cartridge	N / A	LCP-H1284	£85.45
<u>JASCO - PU-1580 Semi-Microflow</u>	-	-	-
Piston Assembly - Zirconia	2305-0013A	LCP-S1828	£225.45
Piston Seal - Grey	6778-H126A	LCP-J1883	£42.30
Piston Seal - Yellow	N / A	LCP-J1487	£37.90
Inlet Check Valve Assembly - Cartridge Type	Equiv. to 6778-H123A	LCP-H1650	£160.30
Outlet Check Valve Assembly - Cartridge Type	Equiv. to 6778-H124A	LCP-H1651	£160.30
Inlet / Outlet Check Valve Cartridge	N / A	LCP-H1641	£85.45
<u>JASCO - PU-2088 Prep.</u>			
Inlet Check Valve Cartridge	N / A	LCP-H1927	£282.00
Outlet Check Valve Cartridge	N / A	LCP-H1928	£282.00
<u>JASCO - X-LC PU-3080</u>			
Piston Seal - Yellow	6390-U010A	LCP-J2758	£38.30
<u>KNAUER - 64 Analytical</u>	-	-	-
Point End Piston - Sapphire	N / A	LCP-S1184	enquire
Point End Piston Assembly - Sapphire	6207530040	LCP-H1262	enquire
Round End Piston - Sapphire	N / A	LCP-S1229	£176.00
Round End Piston Assembly - Sapphire	N / A	LCP-H1341	£244.60
Piston Seal - Black	N / A	LCP-J1764	£22.60
Seal Kit - Black	6207520540	LCP-H1257	£68.30
Piston Seal - Clear	N / A	LCP-J1840	£26.60
Seal Kit - Clear	N / A	LCP-H1271	£74.90
Sapphire Backing Ring	3205341010	LCP-S1269	£48.00
Check Valve Cartridge	6306415000	LCP-H1007	£85.45

<u>KNAUER - 64 Microflow</u>	-	-	-
Piston Assembly - Sapphire	N / A	LCP-S1199	enquire
Piston Seal - Grey	N / A	LCP-J1901	£45.15
Seal Kit	6207520580	LCP-H1279	enquire
Sapphire Backing Ring	N / A	LCP-S1492	enquire
Check Valve Cartridge	6306415000	LCP-H1007	£85.45
<u>KNAUER - 64 Preparative</u>	-	-	-
Piston Assembly Point End - Alumina	N / A	LCP-S1429	enquire
Piston Assembly Round End - Alumina	N / A	LCP-S1293	enquire
Piston Seal - Grey	N / A	LCP-J1902	enquire
Seal Kit	N / A	LCP-H1363	enquire
Ceramic Backing Ring	N / A	LCP-S1509	£69.50
Check Valve Cartridge	6306415000	LCP-H1007	£85.45
<u>KNAUER - MicroStar, MiniStar, Maxi Star, K120, K500, K501, K1000, K1001</u>	-	-	-
Piston Assembly - Sapphire	A1410-1	LCP-S1851	£173.15
Piston Assembly - Zirconia	A1410	LCP-S1852	£173.15
Piston Seal - Black	N / A	LCP-J1764	£22.60
Piston Seal - Clear	N / A	LCP-J1840	£26.60
Secondary Seal - Black	N / A	LCP-J1493	£22.00
Secondary Seal - Clear	N / A	LCP-J2228	£26.60
Piston Seal Kit - Black (w/o Sec. Seals)	A1414	LCP-H1852	£45.45
Piston Seal Kit - Black (c/w Sec. Seals)	A1514	LCP-H1853	£88.00
Piston Seal Kit - Clear (c/w Sec. Seals)	A1515	LCP-H1898	£88.90
Check Valve Gasket Set	A0683	LCP-H1968	£28.00
Check Valve Cartridge	A0684 (ss) / A0631 (ti)	LCP-H1946	£85.45
<u>KNAUER - Smartline, Platin, Blue Shadow, Azura</u>			
Piston Assembly - Zirconia	P2711-1V1	LCP-S1977	£133.45
Piston Assembly - Sapphire	A54150	LCP-S1976	enquire
Piston Seal - Black	N / A	LCP-J1764	£22.60
Piston Seal - Clear	N / A	LCP-J1840	£26.60
Secondary Seal - Black	N / A	LCP-J1493	£22.00
Secondary Seal - Clear	N / A	LCP-J2228	£26.60
Piston Seal Kit - Black (w/o Sec. Seals)	A1414	LCP-H1852	£45.45
Piston Seal Kit - Black (c/w Sec. Seals)	A1514	LCP-H1853	£88.00
Piston Seal Kit - Clear (c/w Sec. Seals)	A1515	LCP-H1898	£88.00
Check Valve Gasket Set	A0683	LCP-H1968	£28.00
Check Valve Cartridge	A0684 (ss) / A0631 (ti)	LCP-H1946	£85.45
<u>KNAUER - Smartline + (50ml head)</u>			
Piston Seal - Black	M1300	LCP-J2331	£34.90
Secondary Seal - Black	M1299	LCP-J2328	£30.30
Seal Kit (2 x P seal + 2 O rings)	A0768	LCP-J3402	£70.30
Seal Kit (4 x P seals + 2 O rings)	A0763	LCP-J3957	£137.45
Seal Kit (2 x P seals + 2 x S seals + 2 O rings)	A0981	LCP-J2659	£130.30

KONTRON - 320 M, 325 M	-	-	-
Piston Assembly - Sapphire	96-90015	LCP-S1436	£176.00
Piston Seal - Black (Standard)	35-99005	LCP-J1408	£26.60
Piston Seal - Black (Improved)	35-99010	LCP-J1383	£33.45
Piston Seal - Yellow	35-99017	LCP-J1881	£33.45
Piston Seal - Clear	35-99011	LCP-J1903	£33.45
Inlet Check Valve Assembly (Isocratic)	92-90007	LCP-S1314	£160.30
Inlet Check Valve Assembly (Gradient)	92-90016	LCP-S1437	£160.30
Outlet Check Valve Assembly	92-0008	LCP-S1315	£160.30
Check Valve Cartridge	N / A	LCP-H1539	£85.45
KONTRON - 410, 414	-	-	-
Piston Assembly - Sapphire	N / A	LCP-S1026	£249.75
Piston Seal - Black	35-30011	LCP-J1904	£39.75
Inlet Check Valve Assembly	92-00626	LCP-S1533	£206.00
Outlet Check Valve Assembly	87-00462	LCP-S1534	£219.45
KONTRON - 420 L	-	-	-
Piston Assembly - Sapphire	92-00834	LCP-S1057	£260.30
Primary Piston Seal - Black	35-99004	LCP-J1905	£49.75
Secondary Piston Seal - Clear	35-30018	LCP-J1906	£26.60
P.T.F.E. Gasket	87-00699	LCP-S1084	£7.75
Inlet Check Valve Assembly	92-90003	LCP-S1450	enquire
Outlet Check Valve Assembly	92-90005	LCP-S1458	enquire
KONTRON - 420 MDA	-	-	-
Piston Assembly - Sapphire	92-90084	LCP-S1459	£176.00
Piston Seal - Black (Standard)	35-99005	LCP-J1408	£26.60
Piston Seal - Black (Improved)	35-99010	LCP-J1383	£33.45
Piston Seal - Yellow	35-99017	LCP-J1881	£33.45
Piston Seal - Clear	35-99011	LCP-J1903	£33.45
Inlet Check Valve Assembly (Isocratic)	92-90007	LCP-S1314	£160.30
Inlet Check Valve Assembly (Gradient)	92-90016	LCP-S1437	£160.30
Outlet Check Valve Assembly	92-90008	LCP-S1315	£160.30
Check Valve Cartridge	N / A	LCP-H1539	£85.45
KONTRON - 420 M	-	-	-
Piston Assembly - Sapphire	92-00833	LCP-S1058	£169.15
Primary Piston Seal - Black	35-99002	LCP-J1738	£25.45
Primary Piston Seal - Clear	35-30024	LCP-J1907	£41.75
Primary Piston Seal - Red	35-99014	LCP-J1908	£46.30
Secondary Piston Seal - Clear	35-30016	LCP-J1739	£28.00
P.T.F.E. Gasket	87-00692	LCP-S1083	£7.75
Inlet Check Valve Assembly (Isocratic)	92-90007	LCP-S1314	£160.30
Inlet Check Valve Assembly (Gradient)	92-90016	LCP-S1437	£160.30
Outlet Check Valve Assembly	92-90008	LCP-S1315	£160.30
Dummy Check Valve Assembly	N / A	LCP-S1495	£92.60
Check Valve Cartridge	N / A	LCP-H1539	£85.45

KONTRON - 420 S	-	-	-
Piston Assembly - Sapphire	92-00832	LCP-S1056	£195.15
Primary Piston Seal - Black	35-99003	LCP-J1909	enquire
Secondary Piston Seal - Clear	35-30020	LCP-J1910	£22.60
P.T.F.E. Gasket	87-00692	LCP-S1083	£7.75
Inlet Check Valve Assembly (Isocratic)	92-90007	LCP-S1314	£160.30
Inlet Check Valve Assembly (Gradient)	92-90016	LCP-S1437	£160.30
Outlet Check Valve Assembly	92-90008	LCP-S1315	£160.30
Dummy Check Valve Assembly	N / A	LCP-S1495	£92.60
Check Valve Cartridge	N / A	LCP-H1539	£85.45
KONTRON - 420 SDA	-	-	-
Piston Assembly - Sapphire	92-90083	LCP-S1836	£224.00
Primary Piston Seal - Black	35-99008	LCP-J1911	£68.90
Primary Piston seal - Yellow	35-99027	LCP-J1912	£68.90
P.T.F.E. Gasket	87-00692	LCP-S1083	£7.75
Inlet Check Valve Assembly (Isocratic)	92-90007	LCP-S1314	£160.30
Inlet Check Valve Assembly (Gradient)	92-90016	LCP-S1437	£160.30
Outlet Check Valve Assembly	92-90008	LCP-S1315	£160.30
Dummy Check Valve Assembly	N / A	LCP-S1495	£92.60
Check Valve Cartridge	N / A	LCP-H1539	£85.45
KONTRON - 500, 522, 525	-	-	-
Piston Assembly - Zirconia	67-90030	LCP-S1606	£176.00
Piston Seal - Yellow	35-99025	LCP-J1327	£25.45
Piston Seal - Black	35-99025C	LCP-H1758	£32.60
Inlet Check Valve Assembly	92-90277	LCP-H1632	£160.30
Outlet Check Valve Assembly	92-90278	LCP-S1315	£160.30
Check Valve Cartridge	N / A	LCP-H1539	£85.45
KRATOS - SF 400 Analytical	-	-	-
Piston Assembly - Sapphire	1400-1970	LCP-S1055	£133.75
Piston Seal - Black	7200-0088	LCP-J1560	£21.15
Piston Seal - Yellow	N / A	LCP-J1155	£23.75
Seal Backing Ring	N / A	LCP-J1565	£9.75
Piston Seal Kit	N / A	LCP-J1451	£30.30
Wash Seal	N / A	LCP-J1590	£21.15
Inlet Check Valve Assembly - Cartridge Type	Equiv. to 7200-0060	LCP-H1786	£160.30
Outlet Check Valve Assembly - Cartridge Type	Equiv. to 7200-0062	LCP-H1787	£160.30
Inlet / Outlet Check Valve Cartridge	N / A	LCP-H1783	£85.45
KRATOS - SF 480 Preparative	-	-	-
Piston Assembly - Zirconia	N / A	LCP-S1794	£370.30
Piston Seal - Black	N / A	LCP-J1913	£45.15
Inlet Check Valve Assembly	7200-0060	LCP-H1322	£165.15
Outlet Check Valve Assembly	7200-0062	LCP-H1323	£165.15
Inlet / Outlet Check Valve Repair Kit	N / A	LCP-H1431	£40.30
LDC - any	-	-	-
refer to THERMO SEPARATIONS - same			

LKB PHARMACIA - ALPHA PLUS	-	-	-
refer to ACS - 300			
LKB PHARMACIA - 2150, 2248, 2249, 2250			
Analytical			
Piston Assembly - Sapphire (2150 only)	80-1035-52	LCP-S1031	£169.15
Piston Assembly - Sapphire (2248, 2249, 2250)	80-1045-57	LCP-S1595	£234.90
Piston Seal - Black	80-1037-39	LCP-J1721	£25.45
Seal Backing Ring	80-1035-46	LCP-H1378	£14.90
Inlet Check Valve Assembly - Cartridge Type	Equiv. to 80-1035-19	LCP-H1788	£160.30
Outlet Check Valve Assembly - Cartridge Type	Equiv. to 80-1035-20	LCP-H1789	£160.30
Inlet / Outlet Check Valve Cartridge	N / A	LCP-H1008	£85.45
MSI - CONCEPT SERIES I to IV 10ml/min			
Piston Assembly - Sapphire	121486	LCP-S1644	£211.15
Piston Seal - Yellow	N / A	LCP-J1341	£25.45
Piston Seal - Black	N / A	LCP-J1506	£24.90
Wash Seal - Yellow	N / A	LCP-J1882	£30.90
Inlet / Outlet Check Valve Cartridge	N / A	LCP-H1463	£85.45
MERCK HITACHI - 655, L6000, L6200			
Piston Assembly - Sapphire	635-1021	LCP-S1330	£176.00
Piston Assembly - Ceramic	810-1033	LCP-S1995	£202.00
Piston Seal - Black	655-1080	LCP-J1392	£25.45
Piston Seal - Clear	N / A	LCP-J1871	£25.45
Piston Seal (micro only)	N / A	LCP-J3112	£38.00
Wash Seal (micro only)	N / A	LCP-J3114	£38.00
Inlet Check Valve Assembly - Cartridge Type	Equiv. To 885-1330	LCP-H1806	£160.30
Outlet Check Valve Assembly - Cartridge Type	Equiv. To 885-1331	LCP-H1807	£160.30
Inlet / Outlet Check Valve Cartridge	N / A	LCP-H1008	£85.45
MERCK HITACHI - L2100, L2130, L7100, L7110			
Piston Assembly - Sapphire	635-1021	LCP-S1330	£176.00
Piston Assembly - Ceramic	810-1033	LCP-S1995	£202.00
Piston Seal - Black	655-1080	LCP-J1392	£25.45
Piston Seal - Clear	N / A	LCP-J1871	£25.45
Piston Seal (micro only)	N / A	LCP-J3112	£38.00
Wash Seal (micro only)	N / A	LCP-J3114	£38.00
Inlet Check Valve Assembly - Cartridge Type	Equiv. To 810-1004	LCP-H1808	£160.30
Outlet Check Valve Assembly - Cartridge Type	Equiv. To 810-1005	LCP-H1809	£160.30
Inlet / Outlet Check Valve Cartridge	N / A	LCP-H1621	£85.45
METROHM - 800 I.C.			
Piston Seal - Yellow	6.2741.020	LCP-J1341	£25.45
MICROMERITICS - 760			
refer to BISCHOFF - 2200			
MILTON ROY - MINIPUMP			
refer to LDC - CONSTAMETRIC			

PERKIN ELMER - SERIES 1, 2, 3, 4, 10	-	-	-
H. P. Piston Seal - Black	0990-7328	LCP-J1800	£30.30
H. P. Piston Seal - Yellow	0990-7324	LCP-J1042	£26.60
H. P. Seal Backing Ring	0254-2076	LCP-H1267	£10.30
L. P. Piston Seal - Black	0990-7330	LCP-J1016	£22.30
L. P. Piston Seal - Yellow	0990-7339	LCP-J1017	£23.15
PERKIN ELMER - SERIES 200, 400, 410, 620, Model 250, Integral 4000	-	-	-
H. P. Piston Assembly - Sapphire	N2600124	LCP-S1846	£389.75
L. P. Piston Assembly - Sapphire	N2600104	LCP-S1842	£297.75
H. P. Piston Seal - Black	09907328	LCP-J1800	£30.30
H. P. Piston Seal - Yellow	09907324	LCP-J1042	£26.60
H. P. Seal Backing Ring	02542076	LCP-H1267	£10.30
P. T. F. E. O Ring	09902128	LCP-H1711	£1.75
L. P. Piston Seal - Black	09907330	LCP-J1016	£22.30
L. P. Piston Seal - Yellow	09907339	LCP-J1017	£23.15
L.P. Seal Guide Bush	02542313	LCP-H1710	£20.60
Inlet / Intermediate Check Valve Assembly	02540177	LCP-H1682	£228.30
Outlet Check Valve Assembly	02540197	LCP-H1683	£228.30
Inlet / Intermediate / Outlet Check Valve Washer	02542150	LCP-H1709	£7.75
Inlet / Intermediate / Outlet Check Valve Cartridge	N / A	LCP-H1690	£85.45
PERKIN ELMER - SERIES 200 Micro	-	-	-
H.P. Piston Assembly - Sapphire	N2910511	LCP-S1861	£364.90
L.P. Piston Assembly - Sapphire	N2910512	LCP-S1860	£254.00
H. P. Piston Seal - Yellow c/w Back Up	09923367	LCP-J1234	£38.00
P. T. F. E. O Ring	09902128	LCP-H1711	£1.75
L. P. Piston Seal - Black	09923366	LCP-J1328	£27.75
L. P. Piston Seal - Yellow	N / A	LCP-J1914	£32.60
L. P. Seal Guide Bush	N2915006	LCP-H1728	£20.60
Inlet / Intermediate Check Valve Assembly	02540177	LCP-H1682	£228.30
Outlet Check Valve Assembly	02540197	LCP-H1683	£228.30
Inlet / Intermediate / Outlet Check Valve Washer	02452150	LCP-H1709	£7.75
Inlet / Intermediate / Outlet Check Valve Cartridge	N / A	LCP-H1690	£85.45
PERKIN ELMER - SERIES 604	-	-	-
refer to LDC - CONSTAMETRIC			
PHARMACIA - P3500	-	-	-
refer to DIONEX - 300C			
PHILLIPS SCIENTIFIC - any	-	-	-
refer to UNICAM - same			
PYE (UNICAM) - XPD	-	-	-
refer to BECKMAN - 100			
PYE (UNICAM) - XPS	-	-	-
refer to BECKMAN - 110			

<u>RANK HILGER - AAA</u>	-	-	-
refer to LDC - CONSTAMETRIC			
<u>RAININ - 200 & 300</u>	-	-	-
refer to GILSON - 30X			
<u>SEVERN ANALYTICAL - any</u>	-	-	-
refer to DIONEX - 300C			
<u>SHIMADZU - LC-3, LC-4, LC-5</u>	-	-	-
Piston Assembly - Sapphire	228-08355-91	LCP-S1573	£208.90
Piston Seal - Black (was Grey)	228-35145 (was 228-11999)	LCP-J1629	£35.45
Piston Seal - Yellow	228-21975	LCP-J1413	£30.90
Inlet Check Valve Assembly	228-12353-91	LCP-H1326	£160.30
Outlet Check Valve Assembly	228-09054	LCP-H1327	£160.30
Inlet / Outlet Check Valve Rebuild Kit	228-11200-91	LCP-H1218	enquire
Inlet / Outlet Check Valve Cartridge	N / A	LCP-H1281	£85.45
<u>SHIMADZU - LC-6, LC-6A</u>	-	-	-
Piston Assembly - Sapphire	228-12904-93	LCP-S1086	£165.15
Piston Seal - Black (was Grey)	228-35145 (was 228-11999)	LCP-J1629	£35.45
Piston Seal - Yellow	228-21975	LCP-J1413	£30.90
Inlet Check Valve Assembly	228-12353-91	LCP-H1326	£160.30
Outlet Check Valve Assembly	228-09054-93	LCP-H1327	£160.30
Inlet / Outlet Check Valve Rebuild Kit	22811200-91	LCP-H1218	enquire
Inlet / Outlet Check Valve Cartridge	N / A	LCP-H1281	£85.45
Bearing Assembly	228-14167-11	LCP-H1469	£116.60
<u>SHIMADZU - LC-8</u>	-	-	-
Piston Seal - Grey	228-18092	LCP-J1832	£56.00
Secondary Seal - Black	228-18306	LCP-J1833	£23.75
Outlet Check Valve Assembly	228-09054-93	LCP-H1327	£160.30
Outlet Check Valve Rebuild Kit	228-11200-91	LCP-H1218	enquire
Outlet Check Valve Cartridge	N / A	LCP-H1281	£85.45
<u>SHIMADZU - LC-9, LC-10AD, LC-600</u>	-	-	-
Piston Assembly - Sapphire	228-18523-91	LCP-S1162	£160.60
Piston Seal - Black (was Grey)	228-35146 (was 228-18745)	LCP-J1641	£33.45
Piston Seal - Yellow	228-32628-91	LCP-J1617	£42.00
Inlet Check Valve Assembly - Cartridge Type	Equiv. to 228-18522-91	LCP-H1630	£160.30
Outlet Check Valve Assembly - Cartridge Type	Equiv. to 228-18522-92	LCP-H1631	£160.30
Inlet / Outlet Check Valve Cartridge	N / A	LCP-H1566	£85.45
<u>SHIMADZU - LC-10 ADVP, LCMS 2010A, Prominence LC-20AD/B</u>	-	-	-
Piston Assembly - Zirconia	228-35601-91	LCP-S1758	£168.30
Piston Seal - Black	228-35146	LCP-J1641	£33.45
Piston Seal - Yellow	228-32628-91	LCP-J1617	£42.00
Inlet Check Valve Assembly - Cartridge Type	Equiv. to 228-39093-92	LCP-H1626	£160.30
Outlet Check Valve Assembly - Cartridge Type	Equiv. to 228-34976-91	LCP-H1631	£160.30

Inlet / Outlet Check Valve Cartridge	N / A	LCP-H1566	£85.45
SHIMADZU - LC-10 AS			
Piston Assembly - Sapphire	228-17019-00	LCP-S1385	£176.00
Piston Seal - Black	228-35145-00	LCP-J1629	£35.45
Piston Seal - Yellow	228-21975	LCP-J1413	£30.90
Wash Seal - White	228-28499	LCP-J1289	£24.00
Inlet Check Valve Assembly	228-12353-91	LCP-H1326	£160.30
Outlet Check Valve Assembly	228-090540-93	LCP-H1327	£160.30
Inlet / Outlet Check Valve Rebuild Kit	228-11200-91	LCP-H1218	enquire
Inlet / Outlet Check Valve Cartridge	N / A	LCP-H1281	£85.45
SHIMADZU - LC-10 AT			
Piston Seal - Black	338-35145-00	LCP-J1629	£35.45
Piston Seal - Yellow	228-21975-00	LCP-J1413	£30.90
Wash Seal - White	228-28499-00	LCP-J1289	£24.00
Inlet Check Valve Assembly - Cartridge Type	Equiv. to 288-32166-91	LCP-H1625	£160.30
Inlet Check Valve Cartridge	N / A	LCP-H1281	£85.45
Outlet Check Valve Assembly - Cartridge Type	Equiv. to 288-32531-92	LCP-H1631	£160.30
Outlet Check Valve Cartridge	N / A	LCP-H1566	£85.45
SHIMADZU - LC-10 ATVP, Prominence LC-20AT			
Piston Assembly - Zirconia	228-35009-92	LCP-S1739	£176.00
Piston Assembly - Sapphire	228-35009-91	LCP-S1759	£176.00
Piston Seal - Black	228-35145-00	LCP-J1629	£35.45
Piston Seal - Yellow	228-21975-00	LCP-J1413	£30.90
Wash Seal - White	228-28499-00	LCP-J1289	£24.00
Inlet Check Valve Assembly - Cartridge Type	Equiv. to 228-32166-91	LCP-H1625	£160.30
Inlet Check Valve Cartridge	N / A	LCP-H1281	£85.45
Outlet Check Valve Assembly - Cartridge Type	Equiv. to 228-34976-91	LCP-H1631	£160.30
Outlet Check Valve Cartridge	N / A	LCP-H1566	£85.45
SHIMADZU - SIL-10ADV			
Piston Assembly - Sapphire	228-35010-91	LCP-S1753	£223.15
Piston Seal - Black	228-35145	LCP-J1629	£35.45
SPECTRA-PHYSICS - any			
refer to THERMO SEPARATIONS - same	-	-	-
SUNCHROM - SUNFLOW 100			
refer to KNAUER - K120	-	-	-
THERMO-SEPARATIONS - 8100, 8700			
Piston Assembly - Sapphire	A 1593-010	LCP-S1195	£194.60
Piston Seal - Yellow	N / A	LCP-J1915	£34.60
Piston Seal - Black	N / A	LCP-J1916	£34.60
Inlet Check Valve Assembly	A 3485-010	LCP-H1139	£228.30
Outlet Check Valve Assembly	A 3480-010	LCP-H1138	£228.30

<u>THERMO SEPARATIONS - 8800, 8810, ISOCHROM, P-SERIES</u>	-	-	-
Piston Assembly - Sapphire	A 3102-010	LCP-S1194	£130.30
Piston Guide Bush	A 5018-010	LCP-H1612	£18.30
Piston Return Spring	A 4448-010	LCP-H1597	£16.90
Piston Seal - Yellow	A 2962-010	LCP-J1201	£22.00
Piston Seal - Black	A 2962-020	LCP-J1873	£25.45
Piston Seal - Clear (New)	A 2962-050	LCP-J1868	enquire
Piston Seal - Clear (Old)	N / A	LCP-J1917	£36.60
Seal Assembly Tool	A 3216-010	LCP-H1613	£38.30
Piston Wash Seal - White	A 2963-010	LCP-J1033	£20.90
Seal Housing Washer - Old	A 2973-010	LCP-H1558	£9.45
Seal Housing Washer - New	A 4848-010	LCP-H1578	£9.45
Inlet Check Valve Assembly	A 3495-010	LCP-H1318	£176.30
Outlet Check Valve Assembly	A 3490-010	LCP-H1319	£176.30
Transducer Check Valve Assembly	A 3990-010	LCP-H1390	£176.30
Inlet / Outlet / Transducer Check Valve Rebuild Kit	A 3995-010	LCP-H1426	£58.90
Inlet / Outlet Check Valve Cartridge	N / A	LCP-H1513	£85.45
Inlet Reservoir Filter Assembly	A 4929-010	LCP-H1598	£34.60
Back Flush Kit	A 4114-010	LCP-H1608	enquire
Purge Valve Stem	A 4412-010	LCP-H1580	£65.15
<u>THERMO SEPARATIONS - 8800, 8810, ISOCHROM, P-SERIES INERT BIO VERSION</u>	-	-	-
Piston Assembly - Sapphire	A 3102-010	LCP-S1194	£130.30
Piston Guide Bush	A 5018-010	LCP-H1612	£18.30
Piston Seal - Black	N / A	LCP-J1887	£50.90
Piston Seal - Yellow	A 3207-010	LCP-J1689	£56.00
Piston Seal - Clear (New)	N / A	LCP-J1884	£77.45
Seal Assembly Tool	A 3216-010	LCP-H1613	£38.30
Piston Wash Seal - White	A 2963-010	LCP-J1033	£20.90
Seal Housing Washer - Old	A 2973-010	LCP-H1558	£9.45
Seal Housing Washer - New	A 4848-010	LCP-H1578	£9.45
Inlet Check Valve Assembly	A 3893-010	LCP-H1581	enquire
Transducer Check Valve Assembly	A 3894-010	LCP-H1582	enquire
Purge Valve Stem	A 4412-010	LCP-H1580	£65.15
Back Flush Kit	A 4114-010	LCP-H1608	enquire
Inlet Reservoir Filter Assembly	A 4258-010	LCP-H1617	£33.45
Piston Return Spring	A 4448-010	LCP-H1597	£16.90
<u>THERMO SEPARATIONS - CONSTAMETRIC I, II, III, 3000, 4000</u>	-	-	-
Piston Assembly - Sapphire	8013060000	LCP-S1022	£136.60
Piston Seal - Black	2061290010	LCP-J1243	£25.90
Piston Seal - Yellow	2062340000	LCP-J1088	£25.90
Standard Seal Kit - Black	8015980000	LCP-H1242	enquire
Standard Seal Kit - Yellow	8018920010	LCP-H1243	enquire
Improved Seal Kit - Black	N / A	LCP-H1074	enquire
Improved Seal Kit - Yellow	N / A	LCP-H1075	enquire
Crosshead Spring	9160282000	LCP-H1549	enquire
Inlet Check Valve Assembly Cartridge Type	9009470010	LCP-H1509	£160.30

Outlet Check Valve Assembly Cartridge Type	9009470020	LCP-H1510	£160.30
Inlet / Outlet Check Valve Cartridge	9009470000	LCP-H1511	£85.45
Inlet Nut and Ferrule	1960066976	LCP-H1332	enquire
Outlet Nut and Ferrule	1960066975	LCP-H1325	enquire
Inlet / Outlet Check Valve Cartridge 4100 Only	9009460000	LCP-H1512	£85.45
<u>THERMO SEPARATIONS - Surveyor LC</u>			
Piston Assembly - Zirconia	00950-30020Z	LCP-S1739	£176.00
Piston Assembly - Sapphire	00950-30020S	LCP-S1759	£176.00
Piston Seal - Black	00950-30004B	LCP-J1629	£35.45
Piston Seal - Yellow	00950-30004Y	LCP-J1413	£30.90
Wash Seal White	00950-30025	LCP-J1289	£24.00
Inlet Check Valve Assembly - Cartridge Type	00950-30026	LCP-H1625	£160.30
Inlet Check Valve Cartridge	N / A	LCP-H1281	£85.45
Outlet Check Valve Assembly - Cartridge Type	00950-30021	LCP-H1631	£160.30
Outlet Check Valve Cartridge	N / A	LCP-H1566	£85.45
<u>THERMO SEPARATIONS - Surveyor MS</u>			
Piston Assembly - Zirconia	00201-11324	LCP-S1733	£211.15
Piston Seal - Black	00107-18110	LCP-J1776	£22.60
Piston Seal - Clear	00107-18111	LCP-J1845	£23.15
Wash Seal - Clear	00107-18114	LCP-J1734	£20.30
Inlet / Outlet Check Valve Cartridge	00110-05110	LCP-H1550	£85.45
<u>UNICAM - Crystal 200</u>			
Piston Assembly - Sapphire	4013-229-56381	LCP-S1510	enquire
Primary Piston Seal - Black	4013-229-64181	LCP-J1386	£56.00
Secondary Piston Seal - White	4013-229-56401	LCP-J1743	£20.30
PTFE Film Sealing Washer	4013-229-57221	LCP-S1557	£7.75
Inlet Check Valve Cartridge	4013-229-56411	LCP-S1563	enquire
Outlet Check Valve Cartridge	4013-229-56411	LCP-S1564	enquire
Ball Check Valve	4013-229-56421	LCP-S1075	enquire
Ceramic Ball Guide	4013-229-56451	LCP-S1076	enquire
Polymer Flange Ring	4013-229-56431	LCP-S1558	£12.00
Polymer Retaining Ring	4013-229-56461	LCP-S1559	£4.60
Sapphire Pump Head Liner	4013-229-56471	LCP-S1566	enquire
Backing Ring	4013-229-55691	LCP-S1567	£60.30
Ceramic Bush - Wash Assembly	4013-229-56472	LCP-S1784	enquire
<u>UNICAM - 4010, 4012, 4015</u>			
Piston Assembly - Sapphire	4013-172-01041	LCP-S1033	enquire
Piston Seal - Black	2613-080-90803	LCP-J1461	£20.60
<u>UNICAM - 4100</u>			
Piston Assembly - Sapphire	4013-172-49661	LCP-S1211	£176.00
Piston Seal - Black	4013-228-36541	LCP-J1337	£22.60
Piston Seal - Clear	4013-228-36661	LCP-J1918	£36.60
Inlet / Outlet Check Valve Cartridge	4013-227-9999	LCP-H1194	£85.45
Check Valve Washer	4013-229-81891	LCP-H1238	£7.75

<u>VARIAN - LC-920</u>	-	-	-
refer to Merck-Hitachi - L2130			
<u>VARIAN - 2010, 2210, 2510</u>	-	-	-
Piston Assembly - Sapphire	00-997261-08	LCP-S1104	£133.75
Piston Seal - Yellow	00-997261-37	LCP-J1429	£42.30
Piston Seal - Black	N / A	LCP-J1815	£31.15
Inlet Check Valve Assembly	00-997261-09	LCP-H1391	enquire
Outlet Check Valve Assembly	00-997261-10	LCP-H1365	£176.30
Inlet / Outlet Check Valve Cartridge	N / A	LCP-H1284	£85.45
<u>VARIAN - 5000, 5500, 5600</u>	-	-	-
Piston Assembly - Sapphire	03-905337-00	LCP-S1089	£168.90
Piston Seal - Black	27-459632-00	LCP-J1919	£29.15
Inlet Valve O Ring	27-402107-00	LCP-M1007	£2.30
Dynamic Seal - Black	03-905065-00	LCP-J1245	£21.15
<u>VARIAN - 9000, 9010, 9012, 230, Star</u>	-	-	-
Piston Assembly - Sapphire	03-919102-90	LCP-S1546	£228.00
Piston Seal - Yellow	03-919101-00	LCP-J1101	£22.00
Piston Seal - Black	N / A	LCP-H1758	£32.60
Active Inlet Check Valve Assembly	03-919089-00	LCP-H1715	£316.90
Outlet Check Valve Assembly	03-919465-00	LCP-H1700	£174.90
<u>VARIAN - Prostar (5 ml head)</u>			
Piston Assembly - Sapphire	R007101657	LCP-S1460	£141.75
Piston Seal - Black	R007101633	LCP-J1876	£30.90
Piston Seal - Yellow	R007101634	LCP-J1877	£39.80
<u>VARIAN - Prostar (10 ml head)</u>			
Piston Assembly - Sapphire	R007101658	LCP-S1461	£165.15
Piston Seal - Black	R007101636	LCP-J1878	£33.45
Piston Seal - Yellow	R007101637	LCP-J1169	£31.15
<u>VARIAN - Prostar (50ml head)</u>			
Piston Seal - Yellow	R007101650	LCP-J3116	£44.60
<u>WATERS - M45, M501 (100ul head)</u>	-	-	-
Piston Assembly - Sapphire	WAT026524	LCP-S1228	£169.15
Piston Seal - Black	WAT026613	LCP-J1398	£30.30
Piston Seal - Clear	WAT022934	LCP-J1669	£31.15
Inlet Check Valve Assembly	WAT025214	LCP-H1348	£165.45
Inlet Check Valve Repair Kit	WAT060495	LCP-H1350	£79.75
Outlet Check Valve Assembly Ball & Seat Type	WAT025216	LCP-H1352	£165.45
Outlet Check Valve Repair Kit for 25216	WAT026014	LCP-H1353	£79.75
Outlet Check Valve Assembly Actuator Type	WAT025028	LCP-H1349	enquire
Outlet Check Valve Repair Kit for 25028	WAT026016	LCP-H1351	enquire
Performance Plus Sapphire C/V Cartridge	289000144	LCP-H1741	£56.90
	(700000254 = pk of 2)		
Performance Plus Ceramic C/V Cartridge	N / A	LCP-H1988	£103.15

	(700002399 = pk of 2)		
Alternate Check Valves :			
Inlet / Outlet Check Valve Body	N / A	LCP-H1108	£92.60
Inlet / Outlet Check Valve Cartridge	N / A	LCP-H1007	£85.45
Inlet Check Valve Adapter	N / A	LCP-H1106	£11.75
Outlet Check Valve Adapter	N / A	LCP-H1107	£11.75
<u>WATERS - M510, M590, M600, M610, M6000 (100ul head)</u>	-	-	-
P.M. Kit for 600 Pump	WAT052675	LCP-H1738	enquire
Piston Assembly - Sapphire	WAT025656	LCP-S1025	£147.45
Piston Seal - Black	WAT026613	LCP-J1398	£30.30
Piston Seal - Clear	WAT022934	LCP-J1669	£31.15
Inlet Check Valve Assembly	WAT025214	LCP-H1348	£165.45
Inlet Check Valve Repair Kit	WAT060495	LCP-H1350	£79.75
Outlet Check Valve Assembly Actuator Type	WAT025028	LCP-H1349	enquire
Outlet Check Valve Repair Kit for 25028	WAT026016	LCP-H1351	enquire
Outlet Check Valve Assembly Ball & Seat Type	WAT025216	LCP-H1352	£165.45
Outlet Check Valve Repair Kit for 25216	WAT026014	LCP-H1353	£79.75
Performance Plus Sapphire C/V Cartridge	289000144	LCP-H1741	£56.90
	(700000254 = pk of 2)		
Performance Plus Ceramic C/V Cartridge	N / A	LCP-H1988	£103.15
	(700002399 = pk of 2)		
Alternate Check Valves :			
Inlet / Outlet Check Valve Body	N / A	LCP-H1108	£92.60
Inlet / Outlet Check Valve Cartridge	N / A	LCP-H1007	£85.45
Inlet Check Valve Adapter	N / A	LCP-H1106	£11.75
Outlet Check Valve Adapter	N / A	LCP-H1107	£11.75
<u>WATERS - M510EF, M590EF, M600EF, M610EF, M6000EF (225ul head)</u>	-	-	-
Piston Assembly - Sapphire	WAT060304	LCP-S1197	£169.15
Piston Seal - Grey	WAT026644	LCP-J1093	£25.45
Piston Seal - Yellow	700002282	LCP-J1920	£32.00
Inlet Check Valve Assembly	WAT060307	LCP-H1354	enquire
Inlet Check Valve Repair Kit	WAT088223	LCP-H1356	enquire
Outlet Check Valve Assembly	WAT033326	LCP-H1355	enquire
Outlet Check Valve Repair Kit	WAT088223	LCP-H1356	enquire
<u>WATERS - M515 (100ul head)</u>	-	-	-
P.M. Kit for 515 Pump	WAT052587	LCP-H1740	enquire
Piston Assembly - Sapphire	WAT207069	LCP-S1797	£176.30
Piston Seal - Black	WAT026613	LCP-J1398	£30.30
Piston Seal - Clear	WAT022934	LCP-J1669	£31.15
Inlet Check Valve Assembly	WAT025214	LCP-H1348	£165.45
Inlet Check Valve Repair Kit	WAT060495	LCP-H1350	£79.75
Outlet Check Valve Assembly	WAT025216	LCP-H1352	£165.45
Outlet Check Valve Repair Kit	WAT026014	LCP-H1353	£79.75
Performance Plus Sapphire C/V Cartridge	289000144	LCP-H1741	£56.90
	(700000254 = pk of 2)		

Performance Plus Ceramic C/V Cartridge	N / A	LCP-H1988	£103.15
	(700002399 = pk of 2)		
Alternate Check Valves :			
Inlet / Outlet Check Valve Body	N / A	LCP-H1108	£92.60
Inlet / Outlet Check Valve Cartridge	N / A	LCP-H1007	£85.45
Inlet Check Valve Adapter	N / A	LCP-H1106	£11.75
Outlet Check Valve Adapter	N / A	LCP-H1107	£11.75
<u>WATERS - 616, 625, 626 (50ul head)</u>			
P.M. Kit for 616 Pump	WAT052672	LCP-H1739	enquire
Plunger Kit and Rod	WAT031788	LCP-H1733	enquire
Seal Kit	WAT031790	LCP-H1748	enquire
Inlet / Outlet Check Valve Cartridge - 616	WAT024960	LCP-H1749	£77.75
Inlet / Outlet Check Valve Cartridge - 625 & 626	WAT024120	LCP-H1750	£77.75
<u>WATERS - 1525 Micro (50ul head)</u>			
Piston Assembly - Sapphire	WAT030547	LCP-S1850	£200.60
Seal Kit	WAT034515	LCP-H1763	enquire
Performance Plus C/V Cartridge	700002275	LCP-H1764	£56.90
<u>WATERS - 1525 Analytical (100ul head)</u>			
Piston Assembly - Sapphire	WAS207069	LCP-S1797	£176.30
Piston Seal - Clear	WAT022934	LCP-J1669	£31.15
Piston Seal - Black	WAT026613	LCP-J1398	£30.30
Performance Plus Sapphire C/V Cartridge	289000144	LCP-H1741	£56.90
	(700000254 = pk of 2)		
Performance Plus Ceramic C/V Cartridge	N / A	LCP-H1988	£103.15
	(700002399 = pk of 2)		
<u>WATERS - 1525 EF (225ul head)</u>			
Piston Assembly - Sapphire	WAT060304	LCP-S1197	£169.15
Piston Seal - Grey	WAT026644	LCP-J1093	£25.45
Piston Seal - Yellow	700002282	LCP-J1920	£32.00
Inlet Check Valve Assembly	WAT060307	LCP-H1354	enquire
Outlet Check Valve Assembly	WAT025216	LCP-H1352	£165.45
<u>WATERS - Acquity</u>			
Head Plunger Seal	425000388	LCP-J3912	£51.75
	(700002599 = pk of 2)		
Wash Housing Seal	425000307	LCP-J3908	£42.60
	(700002598 = pk of 2)		
<u>WATERS - Alliance 2690, 2695, 2790, 2795</u>			
P.M. Kit for Alliance 2690 +	WAT270944	LCP-H1737	enquire
Piston Assembly - Sapphire	WAT270959	LCP-S1750	£130.30
	(WAT270488 = pk of 2)		
Piston Seal - Yellow	WAT270789	LCP-J1092	£29.45
	(WAT270938 = pk of 2)		
Piston Seal - Black	WAT270790	LCP-J1380	£30.30
	(WAT271066 = pk of 2)		

Piston Seal - Clear	N / A (700001326 = pk of 2)	LCP-J1579	enquire
Seal Wash - Plunger Seal - Yellow	WAT270160 (WAT271018 = pk of 2)	LCP-J1018	£19.45
Seal Wash - Face Seal - White	WAT271051 (WAT271017 = pk of 2)	LCP-J1023	£24.90
Face Seal - Spring loaded - Yellow	WAT270163 (WAT270939 = pk of 4)	LCP-J1174	£42.60
Face Seal - Spring less - Beige	Alternative to WAT270163 (WAT270939 = pk of 4)	LCP-H1759	£25.50
Wash Tube Kit Seal - Clear	WAT270668 (WAT270940 = pk of 4)	LCP-J1516	£17.75
Check Valve Cartridge	Equiv. To WAT270669 (WAT270941 = pk of 2)	LCP-H1567	£85.45
Performance Plus Sapphire C/V Cartridge	289000144 (700000254 = pk of 2)	LCP-H1741	£56.90
Performance Plus Ceramic C/V Cartridge	N / A (700002399 = pk of 2)	LCP-H1988	£ 103.15
WATERS - Miscellaneous			
Solvent Reservoir Filter 10um	WAT025531	LCP-H1746	£53.45
HPMV V1 + V2 Needle Seal - Yellow	WAT045454	LCP-J1711	£39.15

Note:

All prices are quoted exclusive of VAT.

Delivery is charged at £11.50 (ex VAT) to UK addresses. Contact us for pricing to ship to other countries.

Whilst we are confident that the applications shown are correct, Charlton Scientific accepts no responsibility for any errors or incorrect information shown.