

HPLC Instrument Spare Parts



Replacement of the most common HPLC pump and detector components that require routine replacement is simple. All original pump manufacturers would expect the HPLC user to do this themselves.

So why pay their prices?

Most OEM (original equipment manufacturers) companies make vast profits out of spares, because they have large overheads to be met from providing such a small scale spares and service back-up facility.

After spending in excess of 10 years Chromtech has gathered together the most comprehensive source of data on HPLC equipment consumables, and the identities of many of the component manufacturers who supply the OEM companies.

We can now pass this onto the HPLC user

Some of the prices are up to 80% lower than from the OEM companies!

**"How easy is it to replace these components ourselves?"
The simple answer is VERY.**

The replacement of HPLC pump head components and detector lamps is no more complicated than the replacement of an HPLC column.

UV-Vis Lamps

We can supply; Deuterium (D₂), Mercury (Hg), Tungsten (W), Xenon (Xe), Zinc (Zn) and Cadmium (Cd) sources. For most modern HPLCs as well as many older OEM obsolete models

Current OEM Brands

Waters	Amersham
Agilent	/GE Health
Thermo Scientific	ABI
Dionex	Biotage
Perkin Elmer	Cecil
Hitachi	
Varian	

even older (obsolete) Models

Alltech/Grace	Jasco
Beckman	Knauer
Bausch&Lomb	LKB
Carlo Erba	Pharmacia
Fisher	Pye Unicam
GBC	SSI/LabAlliance
Gilson	Ultrospec
Hewlett-Packard	

Note : some lamps are pre-aligned (or have holders) and may have to be returned to the OEM.

our Lamps include . . .

HPLC UV Detectors, Fluorimeters, Spectrophotometers

HPLC Pump Piston Seals/Pistons

Piston Seals - most are made from Graphite filled PTFE jackets (black colour) and are fitted with a stainless steel spring that acts as the seal energiser. However, recent introductions have increased seal life considerably in specific solvent conditions. These jackets are made either of UPC (Ultra high molecular weight polyethyl ene) which appears as a clear (white) colour, or a special proprietary material that is gold (yellow) coloured.

Pistons (or plungers) are usually manufactured from Sapphire, but some Ruby pistons are available, which can increase usage by 10%.

2011/12 : See Restek for more inc Kits of Spare Parts for some current HPLCs Cat 2011/12 p327-332