

consumables for

# CTC Autosamplers



Chromacol Products are distributed by:

## Greyhound Chromatography and Allied Chemicals

6 Kelvin Park, Birkenhead, Merseyside CH41 1LT  
United Kingdom

Tel: (+44) 0 151 649 4000

Fax: (+44) 0 151 649 4001

Email: [sales@greyhoundchrom.com](mailto:sales@greyhoundchrom.com)

[www.greyhoundchrom.com](http://www.greyhoundchrom.com)



# YOUR GUIDE TO consumables

This brochure is designed to help you find the correct consumables for use with your CTC Autosampler. Please note that in the USA, CTC Instruments are distributed by LEAP Technologies Inc.

The table on the right shows equivalent model references for other manufacturers.

OEM	CTC Autosampler		
	Combi PAL/GC PAL	HTS/HTC PAL	LC PAL/IFC PAL
Applied Biosystems	-	Tempo ht LC System	-
Agilent Technologies	CombiPAL / GC PAL	HTC PAL / HTS PAL	-
AlphaMOS	PROMETHEUS FOX KRONOS GEMINI HERACLES	-	-
Antek	-	-	Autosampler 748
ATAS GL Sciences	FOCUS	-	-
Thermo Scientific	-	Cohesive Technologies Aria	-
Dionex	-	-	APS
Eksigent	-	ExpressLC	-
Gerstel	MPS2 / MPS2L / MPS2 XL	MPS3 / MPS3C	-
Michrom	-	HTC PAL	-
Shimadzu	AOC 5000	SIL 5000	-
SmartNose	CombiPAL	-	-
Varian	CombiPAL / GC PAL	-	-
Varian	-	HTS PAL	-
Waters	-	2777 / 2777C	-

- 2 Featured Products
- 3-5 Consumables for use with GC PAL and Combi PAL
- 6 WebSeal™ Consumables for use with HTC PAL & HTS PAL
- 7-10 Consumables for LC PAL HTC PAL & HTS PAL
- 11 Accessories
- 12 Profiles - Vials
- 13 Profiles - Caps & Seals  
Plastic Syringes
- 14 HPLC Syringe Filters



## Notes & Intellectual Property

### Instrument compatibility

We believe that our instrument/vial compatibility suggestions are accurate at the time of going to press. However, changes in manufacturers' specifications may result in different instrument/vial compatibilities to those indicated. All dimensions and capacities are approximate.

### Copyright

This catalogue, in its entirety, is the copyright of Chromacol Ltd, and this includes all drawings and product codes.

Neither the whole, nor any part, may be reproduced in any way without the written consent of and acknowledgement to Chromacol Ltd.

### International designs:

Many of our products are our exclusive designs and have either been granted design registrations or are the subject of pending applications in several countries. Appropriate information will be given on request to those with a legitimate interest. Enquiries about our products should be made to your national distributor or direct to Chromacol Ltd.

# FEATURED products



## Micro+™

There are now nine Micro+™ vials. Four vials have 300µL glass inserts fused into the standard 12 x 32mm outer vial and two have 900µL fused glass inserts. Having the inserts fused in place means that they are much easier to use than the traditional separate components.



## Select

Instrument Select is a range of vials, caps and seals packed in chromatographically clean cases and selected specifically to match the needs of particular instruments. These competitively priced products use the instrument initials as the reference codes to simplify the ordering process and are conveniently packed so that each pack contains 100 caps and 100 vials.

## Composite Magnetic Headspace Caps

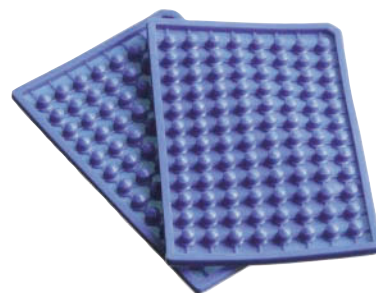
Magnetic caps are usually made from a hard material needed for its magnetic characteristics, and this makes them very hard to crimp and almost impossible to de-cap for sample recovery. Chromacol's new composite caps with an aluminium skirt, are easier to crimp and give better results.

\*New 11mm one piece magnetic caps are now also available.



## WebSeal™

The WebSeal™ range of 96 well micro titer plate products has been developed and expanded to include closures for 384 plates with round and square wells together with new mats designed to be compatible with DMSO. A low profile 0.5µL vial is now available for easier tray fit.



# Consumables for use with



**Key to products** ■ Vial ■ Cap ■ Seal ■ Combi-pack

*Bold items in grey are the most commonly used products*

PART NUMBER	DESCRIPTION	22 x 75mm crimp top vials and caps	PACK	TRAY
<b>20-CVBCST3-CP</b>	<b>20mL crimp top vial with 20mm tin plate and blue aluminium two part crimp cap - with silicone/PTFE liner</b>		<b>125</b>	<b>PAL Tray 20mL</b>
<b>20-CV</b>	<b>20mL crimp top vial - clear</b>		<b>125</b>	<b>PAL Tray 20mL</b>
20-CV(A)	20mL crimp top vial - amber		125	PAL Tray 20mL
10-CV	10mL crimp top vial - clear (22 x 45mm)		125	PAL Tray 20mL
10-CV(A)	10mL crimp top vial - amber (22 x 45mm)		125	PAL Tray 20mL
20-MCB	20mm tin plate crimp cap - blank		500	PAL Tray 20mL
20-MCBC	20mm tin plate and blue aluminium two part crimp cap - blank		500	PAL Tray 20mL
20-MCBC(N)	20mm tin plate and aluminium two part crimp cap - blank		500	PAL Tray 20mL
20-MCBC(R)	20mm tin plate and red aluminium two part crimp cap - blank		500	PAL Tray 20mL
<b>20-MCBC-ST3</b>	<b>20mm tin plate and blue aluminium two part crimp cap - with silicone/PTFE liner</b>		<b>500</b>	<b>PAL Tray 20mL</b>
20-MCBC(N)-ST3	20mm tin plate and aluminium two part crimp cap - with silicone/PTFE liner		500	PAL Tray 20mL
20-MCBC(R)-ST3	20mm tin plate and red aluminium two part crimp cap - with silicone/PTFE liner		500	PAL Tray 20mL
20-AS3	20mm white silicone/aluminium face seal 3mm thick, for <170°C		500	PAL Tray 20mL
20-ASH3	20mm red silicone/aluminium face seal 3mm thick, for >170°C		500	PAL Tray 20mL
20-LLX	20mm high purity silicone/PTFE seal for liquid liquid extraction and trace analysis		500	PAL Tray 20mL
20-ST3HT	20mm silicone/PTFE seal 3mm thick, ultraclean, for temperatures upto 250°C		100	PAL Tray 20mL
20-ST101	20mm blue silicone/PTFE 1.01mm thick		500	PAL Tray 20mL

PART NUMBER	DESCRIPTION	22 x 75mm screw top vials, caps and seals	PACK	TRAY
20-HSVST3-CP	20mL screw top headspace vial + 18mm magnetic screw cap magnetic with prefitted silicone/PTFE liner		125	PAL Tray 20mL
20-HSV	20mL screw top headspace vial - clear		125	PAL Tray 20mL
10-HSV	10mL screw top headspace vial - clear (22 x 45mm)		125	PAL Tray 20mL
18-MSC	18mm metallic screw cap for 20-HSV and 10-HSV		500	PAL Tray 20mL
18-MSC-ST101	18mm screw cap - magnetic - 1mm silicone/PTFE liner - not prefitted		125	PAL Tray 20mL
18-ST101	18mm PTFE/silicone seal for 18-MSC		100	PAL Tray 20mL
18-ST3	18mm PTFE/silicone seal for 18-SC		500	PAL Tray 20mL

For crimpers, decappers and trays, see page 11.



PAL Tray 20mL



Two part caps



20-CV



20-HSV



# Consumables for use with

**Key to products**  Vial  Cap  Combi-pack  Accessory

*Bold items in grey are the most commonly used products*

PART NUMBER	DESCRIPTION	PACK	TRAY
<b>CTCG</b>	<b>CTC/Leap - 2mL crimp top vial with a blue silicone/red PTFE seal</b>	<b>100</b>	<b>PAL Tray 2mL</b>
2-CVG	2mL crimp top vial - clear gold grade - with write on patch	500	PAL Tray 2mL
<b>2-CV</b>	<b>2mL crimp top vial - clear wide mouth with write on patch</b>	<b>500</b>	<b>PAL Tray 2mL</b>
2-CV(A)	2mL crimp top vial - amber wide mouth with write on patch	500	PAL Tray 2mL
2-CRV	2mL round bottom vial with write on patch - clear	500	PAL Tray 2mL
1.5-HRCV	1.5mL crimp top vial - clear - High Recovery	100	PAL Tray 2mL
1.1-CTVG	1.1mL crimp top tapered vial - clear	500	PAL Tray 2mL
1.1-CTV(A)	1.1mL crimp top tapered vial - amber	500	PAL Tray 2mL
09-FIV	.9mL crimp top fixed insert vial - clear (Micro+™)	500	PAL Tray 2mL
<b>03-FIV</b>	<b>.3mL crimp top fixed insert vial - clear with write on patch (Micro+™)</b>	<b>500</b>	<b>PAL Tray 2mL</b>
03-FIV(A)	.3mL crimp top fixed insert vial-amber with write on patch (Micro+™)	500	PAL Tray 2mL
03-NV	.3mL flat bottom insert - clear	1000	PAL Tray 2mL
02-MTVWG	.2mL tapered insert - clear gold grade, needs MTS-1 support	1000	PAL Tray 2mL
06-PECV	.6mL polyethylene crimp top vial	500	PAL Tray 2mL
06-PPCV	.6mL polypropylene crimp top vial	500	PAL Tray 2mL
2-CVT	2mL PTFE crimp top vial, 12 x 32mm	25	PAL Tray 2mL
06-CTVT	.6mL tapered PTFE crimp top vial, 12 x 32mm	25	PAL Tray 2mL
03-CTVT	.3mL tapered PTFE crimp top vial, 12 x 32mm	25	PAL Tray 2mL
11-AC(B)-ST144	11mm aluminium crimp cap (blue) silicone/PTFE liner	500	PAL Tray 2mL
<b>11-AC-ST101</b>	<b>11mm aluminium crimp cap silicone/PTFE liner</b>	<b>500</b>	<b>PAL Tray 2mL</b>
11-MC-8RT1	11mm magnetic cap with rubber/PTFE seal	500	PAL Tray 2mL
11-MC-ST15	11mm magnetic cap with silicone/PTFE seal	500	PAL Tray 2mL
11-MC-ST101	11mm magnetic cap with soft silicone/PTFE seal	500	PAL Tray 2mL
MTS-1	Plastic 3 prong support foot for tapered inserts	500	PAL Tray 2mL

For crimpers, decappers and trays, see page 11.



# Consumables for use with



**Key to products** ■ Vial ■ Cap







*Bold items in grey are the most commonly used products*

PART NUMBER	DESCRIPTION	7 x 40mm crimp top vials and caps	PACK	TRAY
<b>08-CPV(A)</b>	<b>.8mL crimp top vial - amber</b>		<b>500</b>	<b>PAL Tray 1mL</b>
08-CPV	.8mL crimp top vial - clear		500	PAL Tray 1mL
07-CPV(A)	.7mL crimp top tapered vial - amber		500	PAL Tray 1mL
07-CPV	.7mL crimp top tapered vial -clear		500	PAL Tray 1mL
8-AC(B)-ST144	8mm aluminium crimp cap silicone/PTFE liner		500	PAL Tray 1mL
<b>8-AC-ST101</b>	<b>8mm aluminium crimp cap silicone/PTFE liner</b>		<b>500</b>	<b>PAL Tray 1mL</b>

For crimpers, decappers and trays, see page 11.



# WebSeal™ parts for use with

**Key to products**  Vial  Cap  Mat  Combi-pack  Plate  Accessory

PART NUMBER	DESCRIPTION	PACK
1.1-CRV	1.1mL crimp top round bottom vial -clear for 96 square deep well plates	500
1.1-MTV-96	Large volume glass vials, for large volume micro titer plates	500
1-MTTV-96	PTFE micro titer plate vial for 96 well	100
1-MTV-96	Glass micro titer plate vial for 96 well	500
1-MTV(A)-96	Glass vial-amber for 96-well plates	500
05-MTV-96	500uL glass vials for low volume micro titer plate (05-MTP-96)	500
8-AC-ST101	8mm aluminium crimp cap silicone/ PTFE liner	500
8-AC(B)-ST144	8mm aluminium crimp cap silicone/PTFE liner	500
1.1-CMTPVC-96	96 well micro titer plate with large volume 1.1-CRV crimp top vials pre-inserted.	5
1.1-MTPVC-96	96 well micro titer plate with large volume glass vials pre-inserted - with 5 sealing mats	5
05-MTPVC-96	96 well small volume micro titer plate with small volume glass vials pre-inserted - with 5 mats	5
MTPTC-96	Polypropylene 96 well micro titer plate with PTFE vials pre-inserted, complete WebSeal™ closure	1
MTPVC-96	Polypropylene 96 well micro titer plate with glass vials pre-inserted, complete WebSeal™ closure	5
1.1-MTP-96	Plastic 96 well micro titer plate for large volume vials	5
05-MTP-96	Plastic 96 well micro titer plate for small volume vials (05-MTV-96)	5
MTP-96	Polypropylene 96 well micro titer plate	5
MTPC-1	WebSeal™ cutter for vial removal	1
WSM-1	96 well, silicone/PTFE coated elastomer WebSeal™ mat	5
WSM-1X	96 well, silicone/PTFE coated elastomer WebSeal™ mat, pre-cut	5
WSM-2	96 round well, silicone/PTFE coated elastomer WebSeal™ mat, domed base	5
WSM-2E	96 round well, silicone only, elastomer WebSeal™ mat, domed base	5
WSM-2F	96 round well, silicone/thick PTFE elastomer WebSeal™ mat for DMSO, domed base	5
WSM-2FB	96 round well, silicone/PTFE coated elastomer, WebSeal™ mat, flat base	5
WSM-2FBE	96 round well, silicone only, elastomer WebSeal™ mat, flat base	5
WSM-2FBF	96 round well, silicone/thick PTFE elastomer WebSeal™ mat for DMSO, flat base	5
WSM-2FBX	96 round well, silicone/PTFE coated elastomer, WebSeal™ mat, flat base, pre-cut	5
WSM-2FBXE	96 round well, silicone only, elastomer WebSeal™ mat, flat base, pre-cut	5
WSM-2X	96 round well, silicone/PTFE coated elastomer, WebSeal™ mat, domed base, pre-cut	5
WSMS-2XE	96 round well, 8mm strip, silicone only elastomer, pre-cut	12
WSM-6	PTFE coated silicone mat, for use with large volume glass vials (1.1-MTV-96)	5
WSM-6X	96 well, silicone/PTFE coated elastomer WebSeal™ mat, pre-cut for large vials	5

For crimpers, decappers and trays, see page 11.



# Consumables for use with



**Key to products** ■ Vial ■ Cap ■ Seal ■ Combi-pack

*Bold items in grey are the most commonly used products*

PART NUMBER	DESCRIPTION	PACK	TRAY
<b>20-CVBCST3-CP</b>	<b>20mL crimp top vial with 20mm tin plate and blue aluminium two part crimp cap - with silicone/PTFE liner</b>	<b>125</b>	<b>PAL Tray 20mL</b>
<b>20-CV</b>	<b>20mL crimp top vial - clear</b>	<b>125</b>	<b>PAL Tray 20mL</b>
20-CV(A)	20mL crimp top vial - amber	125	PAL Tray 20mL
10-CV	10mL crimp top vial - clear (22 x 45mm)	125	PAL Tray 20mL
10-CV(A)	10mL crimp top vial - amber (22 x 45mm)	125	PAL Tray 20mL
20-MCB	20mm tin plate crimp cap - blank	500	PAL Tray 20mL
20-MCBC	20mm tin plate and blue aluminium two part crimp cap - blank	500	PAL Tray 20mL
20-MCBC(N)	20mm tin plate and aluminium two part crimp cap - blank	500	PAL Tray 20mL
20-MCBC(R)	20mm tin plate and red aluminium two part crimp cap - blank	500	PAL Tray 20mL
<b>20-MCBC-ST3</b>	<b>20mm tin plate and blue aluminium two part crimp cap - with silicone/PTFE liner</b>	<b>500</b>	<b>PAL Tray 20mL</b>
20-MCBC(N)-ST3	20mm tin plate and aluminium two part crimp cap - with silicone/PTFE liner	500	PAL Tray 20mL
20-MCBC(R)-ST3	20mm tin plate and red aluminium two part crimp cap - with silicone/PTFE liner	500	PAL Tray 20mL
20-AS3	20mm white silicone/aluminium face seal 3mm thick, for <170°C	500	PAL Tray 20mL
20-ASH3	20mm red silicone/aluminium face seal 3mm thick, for >170°C	500	PAL Tray 20mL
20-LLX	20mm high purity silicone/PTFE seal for liquid liquid extraction and trace analysis	500	PAL Tray 20mL
20-ST3HT	20mm silicone/PTFE seal 3mm thick, ultraclean, for temperatures upto 250°C	100	PAL Tray 20mL
20-ST101	20mm blue silicone/PTFE 1.01mm thick	500	PAL Tray 20mL

*22 x 75mm screw top vials, caps and seals*

20-HSVST3-CP	20mL screw top headspace vial + 18mm magnetic screw cap magnetic with prefitted silicone/PTFE liner	125	PAL Tray 20mL
20-HSV	20mL screw top headspace vial - clear	125	PAL Tray 20mL
10-HSV	10mL screw top headspace vial - clear (22 x 45mm)	125	PAL Tray 20mL
18-MSC	18mm metallic screw cap for 20-HSV and 10-HSV	500	PAL Tray 20mL
18-MSC-ST101	18mm screw cap - magnetic - 1mm silicone/PTFE liner - not prefitted	125	PAL Tray 20mL
18-ST101	18mm PTFE/silicone seal for 18-MSC	100	PAL Tray 20mL
18-ST3	18mm PTFE/silicone seal for 18-SC	500	PAL Tray 20mL

For crimpers, decappers and trays, see page 11.





# Consumables for use with



**Key to products** ■ Vial ■ Cap ■ Combi-pack ■ Accessory

*Bold items in grey are the most commonly used products*

PART NUMBER	DESCRIPTION	PACK	TRAY
<b>CTCL</b>	<b>CTC/Leap - 2mL crimp top vial with a blue silicone/red PTFE seal</b>	<b>100</b>	<b>PAL Tray 2mL</b>
<b>2-CV</b>	<b>2mL crimp top vial - clear wide mouth with write on patch</b>	<b>500</b>	<b>PAL Tray 2mL</b>
2-CV(A)	2mL crimp top vial - amber wide mouth with write on patch	500	PAL Tray 2mL
2-CVG	2mL crimp top vial - clear gold grade - with write on patch	500	PAL Tray 2mL
2-CRV	2mL round bottom vial with write on patch - clear	500	PAL Tray 2mL
1.5-HRCV	1.5mL crimp top vial - clear - High Recovery	100	PAL Tray 2mL
1.1-CTVG	1.1mL crimp top tapered vial - clear	500	PAL Tray 2mL
1.1-CTV(A)	1.1mL crimp top tapered vial - amber	500	PAL Tray 2mL
O9-FIV	.9mL crimp top fixed insert vial - clear (Micro+)	500	PAL Tray 2mL
<b>O3-FIV</b>	<b>.3mL crimp top fixed insert vial - clear with write on patch (Micro+™)</b>	<b>500</b>	<b>PAL Tray 2mL</b>
O3-FIV(A)	.3mL crimp top fixed insert vial - amber with write on patch (Micro+™)	500	PAL Tray 2mL
O3-NV	.3mL flat bottom insert - clear	1000	PAL Tray 2mL
O2-MTVWG	.2mL tapered insert - clear gold grade, needs MTS-1 support	1000	PAL Tray 2mL
O6-PECV	.6mL polyethylene crimp top vial	500	PAL Tray 2mL
O6-PPCV	.6mL polypropylene crimp top vial	500	PAL Tray 2mL
2-CVT	2mL PTFE crimp top vial, 12 x 32mm	25	PAL Tray 2mL
O6-CTVT	.6mL tapered PTFE crimp top vial, 12 x 32mm	25	PAL Tray 2mL
O3-CTVT	.3mL tapered PTFE crimp top vial, 12 x 32mm	25	PAL Tray 2mL
<b>11-AC(B)-ST144</b>	<b>11mm aluminium crimp cap (blue) silicone/PTFE liner</b>	<b>500</b>	<b>PAL Tray 2mL</b>
11-AC-ST101	11mm aluminium crimp cap silicone/PTFE liner	500	PAL Tray 2mL
11-MC-8RT1	11mm magnetic cap with rubber/PTFE seal	500	PAL Tray 2mL
11-MC-ST15	11mm magnetic cap with silicone/PTFE seal	500	PAL Tray 2mL
11-MC-ST101	11mm magnetic cap with soft silicone/PTFE seal	500	PAL Tray 2mL
MTS-1	Plastic 3 prong support foot for tapered inserts	500	PAL Tray 2mL

For crimpers, decappers and trays, see page 11.



09-FIV



**Key to products** ■ Vial ■ Cap

*Bold items in grey are the most commonly used products*

PART NUMBER	DESCRIPTION	12 x 32mm snap ring vials and caps	
		PACK	TRAY
<b>2-RV</b>	<b>2mL snap cap vial with write on patch - clear</b>	<b>500</b>	<b>PAL Tray 2mL</b>
2-RV(A)	2mL snap cap vial with write on patch - amber	500	PAL Tray 2mL
1.5-HRRV	1.5mL snap cap vial - clear - high recovery	100	PAL Tray 2mL
09-FIRV	.9mL snap cap fixed insert vial with write on patch - clear	500	PAL Tray 2mL
03-FIRV	.3mL snap cap fixed insert vial with write on patch - clear	500	PAL Tray 2mL
03-FIRV(A)	.3mL snap cap fixed insert vial with write on patch - amber	500	PAL Tray 2mL
<b>11-PSN(B)-ST101</b>	<b>11mm PE snap cap pre-fitted with a blue silicone/PTFE seal - blue</b>	<b>500</b>	<b>PAL Tray 2mL</b>
11-PSN(B)-ST1X	Pre-slit silicone/PTFE septa 11mm snap cap	500	PAL Tray 2mL

12 x 32mm narrow neck screw top vials and caps

<b>2-SV</b>	<b>2mL screw top vial with write on patch - clear</b>	<b>500</b>	<b>PAL Tray 2mL</b>
2-SV(A)	2mL screw top vial with write on patch - amber	500	PAL Tray 2mL
2-SVG	2mL screw top vial with write on patch - clear gold grade	500	PAL Tray 2mL
1.1-STVG	1.1mL screw top tapered vial - clear gold grade	500	PAL Tray 2mL
06-PESV	.6mL polyethylene screw top vial	500	PAL Tray 2mL
06-PPSV	.6mL polypropylene screw top vial	500	PAL Tray 2mL
<b>8-SC-ST15</b>	<b>8mm screw cap prefitted silicone/PTFE liner</b>	<b>500</b>	<b>PAL Tray 2mL</b>

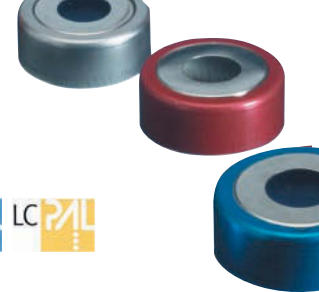
12 x 32mm wide neck screw top vials and caps

<b>2-SVW</b>	<b>2mL wide mouth screw top vial with write on patch - clear</b>	<b>500</b>	<b>PAL Tray 2mL</b>
2-SVW(A)	2mL wide mouth screw top vial with write on patch - amber	500	PAL Tray 2mL
1.5-HRSV	1.5mL screw top vial - clear - high recovery	100	PAL Tray 2mL
1.5-HRSV(S)	1.5mL screw top vial - clear silanized - high recovery	100	PAL Tray 2mL
1.5-HRSV(A)	1.5mL screw top vial - amber - high recovery	100	PAL Tray 2mL
09-FISV	.9mL screw top fixed insert vial with write on patch - clear	500	PAL Tray 2mL
<b>03-FISV</b>	<b>.3mL screw top fixed insert vial - clear with write on patch (Micro+™)</b>	<b>500</b>	<b>PAL Tray 2mL</b>
03-FISV(A)	.3mL screw top vial fixed insert - amber with write on patch (Micro+™)	500	PAL Tray 2mL
03-PPSVW	.3mL polypropylene screw top vial	500	PAL Tray 2mL
<b>9-SC(B)-ST101</b>	<b>9mm screw cap (blue) prefitted silicone/PTFE liner</b>	<b>500</b>	<b>PAL Tray 2mL</b>
9-SC(B)-ST1X	9mm screw cap (blue) prefitted silicone/PTFE liner pre-cut	500	PAL Tray 2mL

For crimpers, decappers and trays, see page 11.



# Consumables for use with



**Key to products** ■ Vial ■ Cap

*Bold items in grey are the most commonly used products*

PART NUMBER	DESCRIPTION	7 x 40mm crimp top vials and caps	PACK	TRAY
<b>08-CPV(A)</b>	<b>.8mL crimp top vial - amber</b>		<b>500</b>	<b>PAL Tray 1mL</b>
08-CPV	.8mL crimp top vial - clear		500	PAL Tray 1mL
07-CPV(A)	<b>.7mL crimp top tapered vial - amber</b>		<b>500</b>	<b>PAL Tray 1mL</b>
07-CPV	.7mL crimp top tapered vial - clear		500	PAL Tray 1mL
8-AC(B)-ST144	8mm aluminium crimp cap silicone/PTFE liner		500	PAL Tray 1mL
<b>8-AC-ST101</b>	<b>8mm aluminium crimp cap silicone/PTFE liner</b>		<b>500</b>	<b>PAL Tray 1mL</b>

For crimpers, decappers and trays, see page 11.



07-CPV



08-CPV(A)

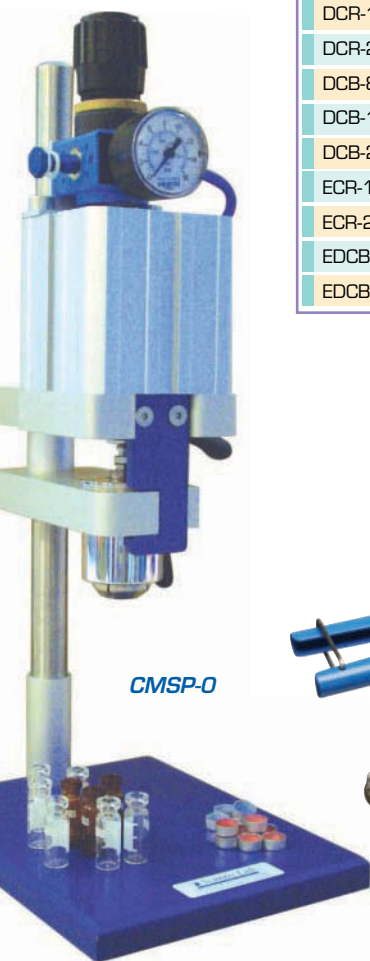




# Accessories for use with



PART NUMBER	DESCRIPTION	Accessories	PACK
TTS-312	PTFE support for 1.1-STVG, 1.1-CTVG and 1.1-CTV(A) products only		50
MTS-1	Plastic 3 prong support foot for tapered inserts		500
B-100	Multi-coloured pack of plastic box trays		5
T-10/20	Plastic rack holds 10 vials - white		1
CMS-0	Crimpmate™ stainless steel benchtop crimping station - no jaws		1
CMSP-0	Pneumatic benchtop crimping station - no jaws		1
CMS-8	Stainless steel benchtop crimping station - with 8mm jaw		1
CMS-11	Stainless steel benchtop crimping station - with 11mm jaw		1
CMS-20	Stainless steel benchtop crimping station - with 20mm jaw		1
CMJ-8	8mm crimping jaws for Crimpmate™		1
CMJ-11	11mm crimping jaws for Crimpmate™		1
CMJ-20	20mm crimping jaws for Crimpmate™		1
CDJ-8	8mm decapping jaws		1
CDJ-11	11mm decapping jaws		1
CDJ-20	20mm decapping jaws		1
CR-8	8mm hand crimper		1
CR-11	11mm hand crimper		1
CR-20	20mm hand crimper		1
DCR-8	8mm decappers - pliers type		1
DCR-11	11mm decappers- pliers type		1
DCR-20	20mm decappers- pliers type		1
DCB-8	8mm hand decappers		1
DCB-11	11mm hand decappers		1
DCB-20	20mm hand decappers		1
ECR-11	11mm electronic hand-held crimper		1
ECR-20	20mm electronic hand-held crimper		1
EDCB-11	11mm electronic hand-held decappers		1
EDCB-20	20mm electronic hand-held decappers		1



CMSP-0



PAL MT Holder

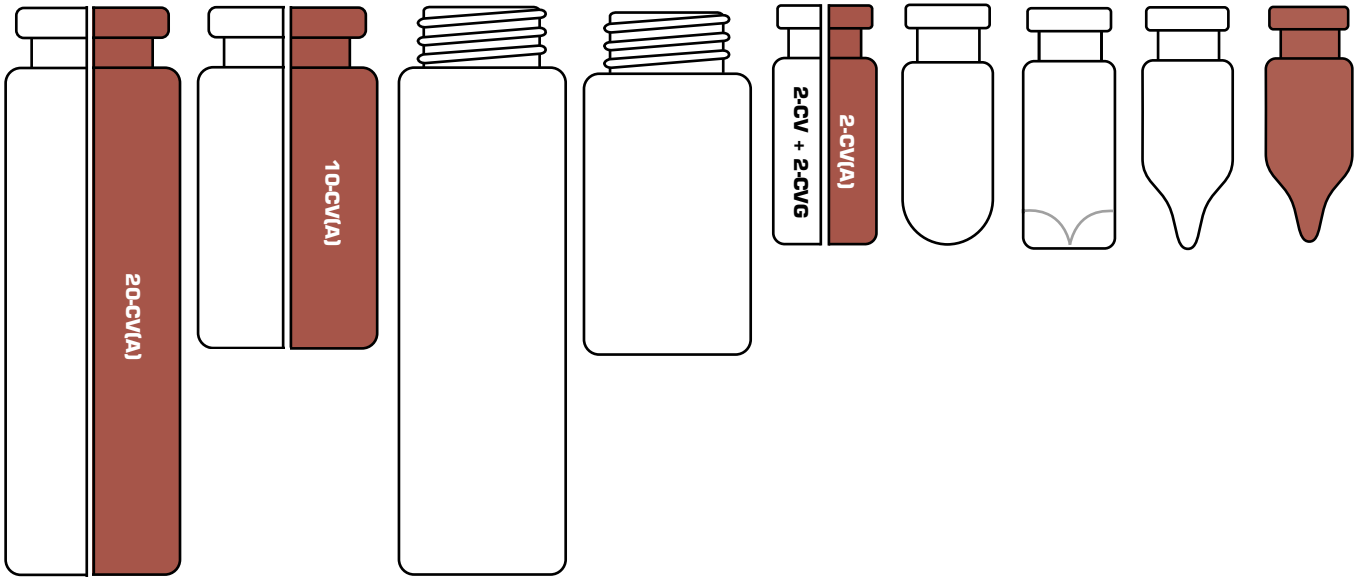


Crimpmate™

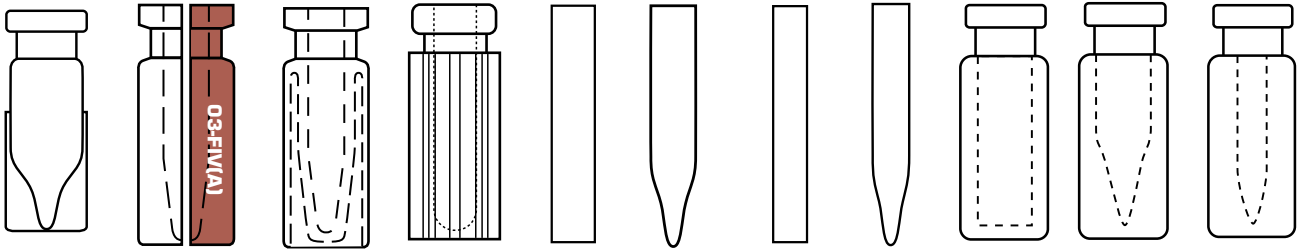


# Product Profiles Vials

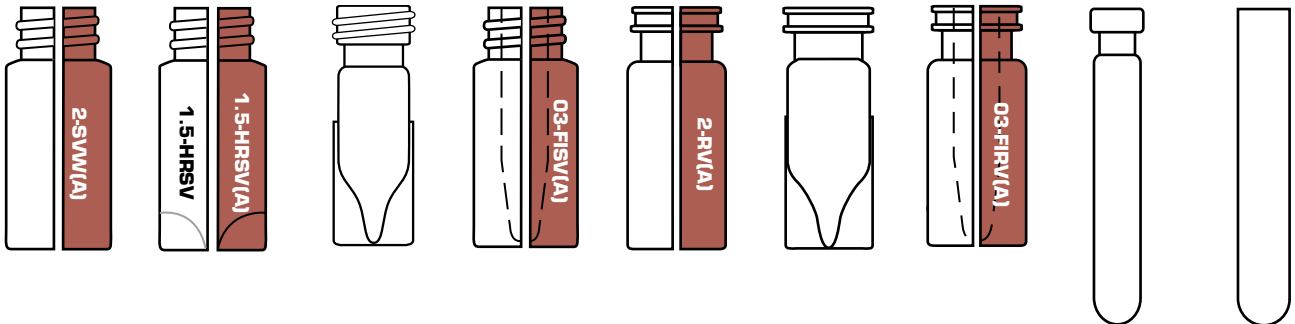
20-CV	10-CV	20-HSV	10-HSV	2-CV	2-CRV	1.5-HRCV	1.1-CTVG	1.1-CTV(A)
22 x 75mm	22 x 45mm	22 x 75mm	22 x 45mm	12 x 32mm	12 x 32mm	12 x 32mm	12 x 32mm	12 x 32mm



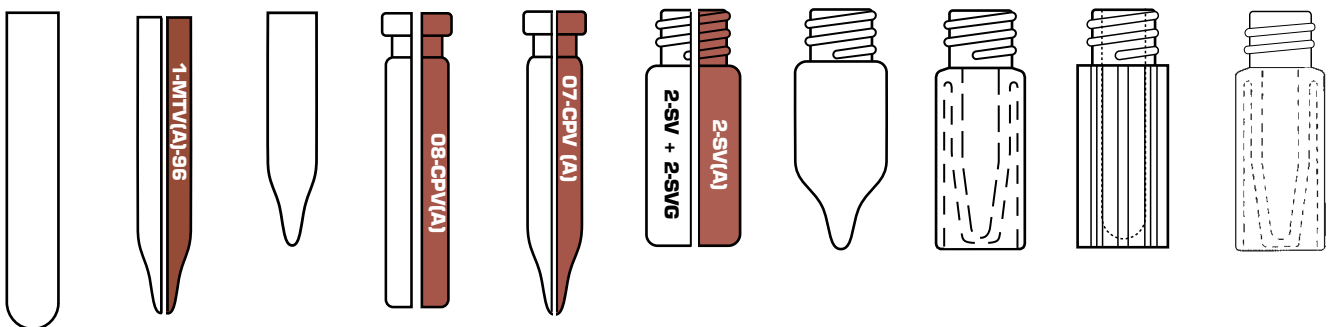
09-FIV	03-FIV	06-PECV	06-PPCV	03-NV	02-MTVWG	02-NV	02-MTV	2-CTVT	06-CTVT	03-CTVT
12 x 32mm	12 x 32mm	12 x 32mm	12 x 32mm	6 x 32mm	6 x 32mm	5 x 32mm	5 x 32mm	12 x 32mm	12 x 32mm	12 x 32mm



2-SVW	1.5-HRSV(S)	09-FISV	03-FISV	2-RV	09-FIRV	03-FIRV	1.1-CRVV	1.1-MTV-96
12 x 32mm	12 x 32mm	12 x 32mm	12 x 32mm	12 x 32mm	12 x 32mm	12 x 32mm	7 x 42mm	7 x 42mm



1-MTV-96	1-MTV-96	05-MTV-96	08-CPV	07-CPV	2-SV	1.1-STVG	06-PESV	06-PPSV	03-PPSVW
6.5 x 42mm	6.5 x 42mm	6.5 x 31mm	7 x 40mm	7 x 40mm	12 x 32mm	12 x 32mm	12 x 32mm	12 x 32mm	12 x 32mm



# Product Profiles Caps & Seals

<b>20-MCB</b> 20 x 7mm	<b>20-MCBC</b> 20 x 7mm	<b>20-MCBC-ST3</b> 20 x 7mm	<b>11-AC-ST101</b> 11 x 6mm	<b>11-AC(B)-ST144</b> 11 x 6mm	<b>11-MC-8RT1</b> 11 x 6mm	<b>11-MC-ST15</b> 11 x 6mm
	 □ 20-MCBC(N) ■ 20-MCBC(R)	 □ 20-MCBC(N)-ST3 ■ 20-MCBC(R)-ST3				
<b>11-MC-ST101</b> 11 x 6mm	<b>8-SC-ST15</b> 8 x 9mm	<b>11-PSN(B)-ST1</b> 11 x 6.5mm	<b>8-AC-ST101</b> 8 x 5mm	<b>8-AC(B)-ST144</b> 8 x 5mm	<b>9-SC(B)-ST1</b> 9 x 6.5mm	<b>20-ST3HT</b> 20 x 3mm
		 ■ 11-PSN(B)-ST1X			 ■ 9-SC(B)-ST1X	
<b>20-ST101</b> 20 x 1mm	<b>20-LLX</b> 20 x 3mm	<b>20-AS3/ASH3</b> 20 x 3mm	<b>18-MS-C</b> 18 x 13mm	<b>18-MS-C-ST3</b> 18 x 13mm	<b>18-ST3</b> 18 x 3mm	<b>18-ST101</b> 18 x 1mm
				 ■ 18-MS-C-ST101		

# All Plastic Disposable Syringes

All plastic syringes feature polypropylene barrels with polyethylene plungers to minimize contamination of samples during filtration.

PART NUMBER	DESCRIPTION	GRADATION	TIP STYLES	PACK
SYLL-3	3mL bulk pack non-sterile syringes	0.1mL	Luer-Lok	100
SYLL-5	5mL bulk pack non-sterile syringes	0.2mL	Luer-Lok	100
SYLL-10	10mL bulk pack non-sterile syringes	0.5mL	Luer-Lok	100
SYLL-20	20mL bulk pack non-sterile syringes	1.0mL	Luer-Lok	100
SYLS-30	30mL bulk pack non-sterile syringes	2.0mL	Luer-Slip	50
SYLS-50	50mL bulk pack non-sterile syringes	2.0mL	Luer-Slip	30



# Syringe Filters

Sample preparation has always been one of the most important steps in successful chromatography. It has also been one of the most time consuming.

In recent years the main methods of removing interfering materials and particles have moved away from liquid extractions to the use of small filter devices.

The most useful devices are those that give simple removal of suspended material and these are Syringe Filters.

With Chromacol Syringe Filters you can now filter up to 50% more sample through the filters due to the increased filter area and the backpressure when filtering has also been reduced.

For full details of our SF range please request a brochure.



MATERIAL	DIAMETER	PORE SIZE 0.45µm	PORE SIZE 0.2µm
Nylon	30mm	30-SF-45(N)*	30-SF-02(N)*
	17mm	17-SF-45(N)	17-SF-02(N)
	4mm	4-SF-45(N)	4-SF-02(N)
PTFE	30mm	30-SF-45(T)*	30-SF-02(T)
	17mm	17-SF-45(T)	17-SF-02(T)
	4mm	4-SF-45(T)	4-SF-02(T)
PVDF	30mm	30-SF-45(PV)	30-SF-02(PV)
	17mm	17-SF-45(PV)	17-SF-02(PV)
	4mm	4-SF-45(PV)	4-SF-02(PV)
Polyether Sulphone (PES)	30mm	30-SF-45(PES)	30-SF-02(PES)
	17mm	17-SF-45(PES)	17-SF-02(PES)
Polypropylene (PP)	30mm	30-SF-45(PP)*	30-SF-02(PP)
	17mm	17-SF-45(PP)	17-SF-02(PP)
	4mm	4-SF-45(PP)	4-SF-02(PP)
Regenerated Cellulose (RC)	30mm	30-SF-45(RC)	30-SF-02(RC)
	17mm	17-SF-45(RC)	17-SF-02(RC)
	4mm	4-SF-45(RC)	4-SF-02(RC)
Cellulose Acetate (CA)	30mm	30-SF-45(CA)	30-SF-02(CA)
	17mm	17-SF-45(CA)	17-SF-02(CA)
	4mm	4-SF-45(CA)	4-SF-02(CA)

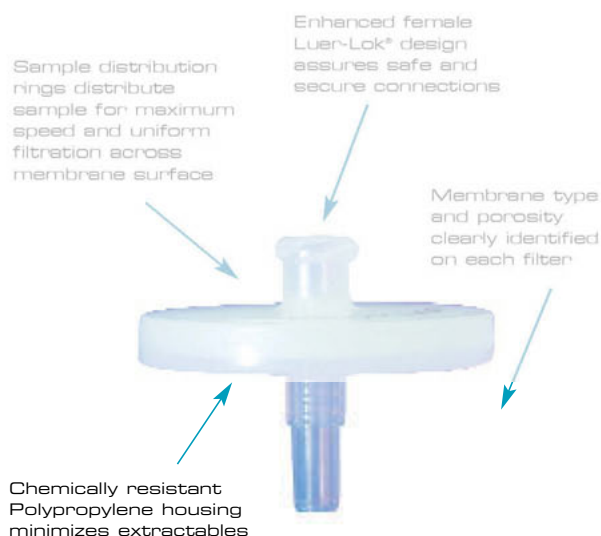
\* Also available with a pre-filter: use part numbers 30-SF-02(N)P, 30-SF-45(N)P, 30-SF-45(T)P or 30-SF-45(PP)P.

**Nylon** - 1.5µm and 5.0µm versions are also available, with the following part numbers, 30-SF-15(N) and 30-SF-50(N).

**PTFE** - A 1.0µm version is also available, with the following part number 30-SF-10(T).

**Glass Fibre (GMF)** - 3.1µm, 1.2µm and 0.7µm versions are also available, with the following part numbers, 30-SF-31(GMF), 30-SF-12(GMF) and 30-SF-07(GMF).

Comprehensive quality systems ensure interference free results



## Ion Chromatography Certified Syringe Filters

Certified Filters with ultra-low ionic residues.

PART NUMBER	DESCRIPTION
13-MF-02(IC)	Econofil IC syringe filters 13mm 0.2µm
25-MF-02(IC)	Econofil IC syringe filters 25mm 0.2µm

consumables for

# CTC Autosamplers

Chromacol Products are distributed by:



## **Greyhound Chromatography and Allied Chemicals**

6 Kelvin Park, Birkenhead, Merseyside CH41 1LT  
United Kingdom

Tel: (+44) 0 151 649 4000

Fax: (+44) 0 151 649 4001

Email: [sales@greyhoundchrom.com](mailto:sales@greyhoundchrom.com)

**[www.greyhoundchrom.com](http://www.greyhoundchrom.com)**

