



Agilent **CrossLab**

Supplies for
**CTC GC and HPLC
Autosamplers**

Quick Reference Guide



The Measure of Confidence



Agilent Technologies

Agilent CrossLab Supplies for CTC GC Autosamplers

Autosampler Syringes for CTC PAL3 Systems (LSI, RSI 120/RSI 85 and RTC 120)

Volume (µL)	Description	Needle Gauge/Length (mm)/Tip	Autosampler Syringes for CTC CombiPAL and GC PAL	PAL3 Tool
1	Fixed needle	23/57/cone	8010-0090	D757
5	Fixed needle	26/57/cone	8010-0118	D757
10	Fixed needle	23/57/cone	8010-0129	D757
	Fixed needle, PTFE tip plunger	23/57/cone	8010-0130	D757
	Fixed needle	23/85/cone	8010-0138	D785
	Fixed needle	26/57/cone	8010-0163	D757
	Fixed needle, PTFE tip plunger	26/57/cone	8010-0164	D757
	Fixed needle	26/85/cone	8010-0168	D785
25	Fixed needle, PTFE tip plunger	23/57/cone	8010-0169	D757
	Fixed needle, PTFE tip plunger	26/57/cone	8010-0171	D757
50	Fixed needle, PTFE tip plunger	23/57/cone	8010-0173	D757
100	Fixed needle, PTFE tip plunger	26/57/cone	8010-0174	D757
	Fixed needle, PTFE tip plunger	23/57/cone	8010-0184	D757
250	Fixed needle, PTFE tip plunger	26/57/cone	8010-0185	D857
500	Fixed needle, PTFE tip plunger	26/57/cone	8010-0197	D857
1000	Fixed needle, PTFE tip plunger	23/65/side hole	8010-0266	HS1000
2500	Fixed needle, PTFE tip plunger	23/65/side hole	8010-0265	HS2500

Autosampler Syringes for CTC CombiPAL and GC PAL

Volume (µL)	Description	Needle Gauge/Length (mm)/Tip	Agilent CrossLab Syringe Part No.	Agilent CrossLab Replacement Needle or Plunger Part No.
0.5	Plunger-in-needle	23/50/cone tip	8010-0355	8010-0367*
5	Fixed needle	23/50/cone tip	8010-0356	
10	Fixed needle	23/50/cone tip	8010-0351	
	Fixed needle, gas tight	23/50/cone tip	8010-0371	8010-0359**
	Fixed needle	26/50/cone tip	8010-0352	
	Fixed needle, gas tight	26/50/cone tip	8010-0357	8010-0359**
	Fixed needle	26/50/bevel tip	8010-0358	
	Fixed needle	26/50/cone tip	8010-0360	
100	Removable needle, gas tight	23/50/side hole tip	8002-0004	8002-0005***
	Fixed needle	26/50/cone tip	8010-0361	
250	Fixed needle, gas tight	26/50/cone tip	8010-0362	
Volume (mL)	Description	Needle Gauge/Length (mm)/Tip	Agilent CrossLab Syringe Part No.	Agilent CrossLab Replacement Needle or Plunger Part No.
1	Fixed needle, gas tight, headspace	23/56/side hole tip	8010-0363	8010-0365
2.5	Fixed needle, gas tight, headspace	23/56/side hole tip	8010-0364	8010-0366

*Needle and plunger repair kit

**Replacement plunger

***Replacement needle

The Agilent CrossLab portfolio includes a variety of syringes compatible with CTC Analytics PAL-xt, CombiPAL and PAL RTC systems.

- Syringe capacities from 0.5 µL to 2.5 mL
- Fixed and removable needles
- Several needle tip styles to suit your application requirements
- High temperature syringes for headspace application with temperatures up to 150 °C
- PTFE plunger seal option for smooth, leak-free operation
- Syringe specifications are matched to CTC holders to ensure proper fit and reliable functioning



Agilent PAL Sampler

Quality you can count on

Agilent CrossLab supplies are designed to work seamlessly with all the chromatography instruments in your lab. All Agilent CrossLab supplies are backed by our 90-day warranty and money-back guarantee. That means you have 90 risk-free days to put them to the test.

Contact your Agilent Authorized Distributor, or order now at www.agilent.com/chem/CrossLabstore

Vials and Caps for CTC PAL Systems

Description	Unit	Agilent CrossLab Part No.
2 mL		
Crimp vial, 2 mL clear wide opening	100/pk	5181-3375
Crimp cap, 11 mm Magnetic CTC, silicone/PTFE septa	100/pk	5188-5386
Crimp vial, amber glass 0.7 mL, CTC	1000/pk	5183-4487
Crimp cap, 8 mm, CTC, silicone/PTFE	500/pk	5180-0842
Screw top vials, 2 mL, clear wide opening write on	100/pk	5182-0715*
Blue screw caps, PTFE/silicone septa	100/pk	5182-0720*
Snap top vial, 2 mL, clear wide opening	100/pk	5182-0544
Blue snap cap, PTFE/silicone septa	100/pk	5182-0541
10 and 20 mL Headspace		
Screw top vials, 10 mL, clear 23 x 46 mm	100/pk	5188-5392
Screw top vials, 10 mL, amber 23 x 46 mm	100/pk	5188-6538
Screw top vials, 20 mL, clear 23 x 75 mm	100/pk	5188-2753*
Screw top vials, 20 mL, amber 23 x 75 mm	100/pk	5188-6537
Screw top Caps with septa, 18 mm, silver aluminum, magnetic	100/pk	5188-2759*

*Included in PAL3 ship kit.

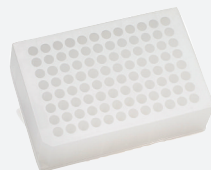
NOTE:

The Agilent CrossLab vial portfolio is compatible with a wide range of GC and HPLC autosamplers.

For additional help in selecting vials, go to www.agilent.com/chem/SelectVials

Agilent CrossLab offers a range of polypropylene 96-well or 384-well plates with a variety of sealing options for collection of samples, storage, and use in autosamplers.

For additional help in selecting well plates, go to www.agilent.com/chem/SelectCrossLab



Electronic Crimpers

Description	Part No.
11 mm electronic crimper with lithium battery	5190-3188
20 mm electronic crimper with lithium battery	5190-3189

SPME Fibers for CTC PAL Systems

Description	Fiber Coating (df) μm	Fiber Length (cm)	Gauge	Unit	Agilent CrossLab Part No.
Carbowax/Polyethylene Glycol (PEG)	60	1	23	3/pk	SU57354U
Carboxen/PDMS	85	1	24		SU57335U
Carboxen/PDMS	75	1	24	3/pk	391896316
Carboxen/PDMS	75	1	23		SU57343U
DVB/Carboxen/PDMS	50/30	1	24		SU57329U
PDMS	100	1	23	3/pk	SU57341U
PDMS	7	1	24	3/pk	391896303
PDMS	100	1	24	3/pk	391896302
PDMS/DVB	65	1	24		SU57327U
PDMS/DVB	65	1	23	3/pk	SU57345U
PDMS/DVB	65	1	24	3/pk	391896314
Polyacrylate	85	1	24	3/pk	391896306

To learn more about our comprehensive portfolio of supplies for your other GC and HPLC instruments such as Bruker/Varian, PerkinElmer, Shimadzu, Thermo/Dionex, Waters go to www.agilent.com/chem/CrossLab



Contact your Agilent Authorized Distributor, or order now at www.agilent.com/chem/CrossLabstore

Agilent CrossLab Supplies for CTC HPLC Autosamplers

Autosampler Syringes for CTC HTS and HTC PAL					
Volume (μL)	OD (mm)	Description	Needle Gauge/Length (mm)/Tip	Agilent CrossLab Syringe Part No.	Agilent CrossLab Replacement Plunger Part No.
10	6.7	Fixed needle	22s/51/3	8010-0440, 1/pk	
	6.7	Fixed needle, gas tight	22s/51/3	8010-0445, 1/pk	8010-0457, 10/pk
25	7.9	Fixed needle, gas tight	22s/51/3	8010-0441, 1/pk	8010-0458, 10/pk
	6.7	Fixed needle, gas tight	22s/51/3	8010-0449, 1/pk	8010-0450, 10/pk
100	6.7	Fixed needle, gas tight	22s/51/3	8010-0442, 1/pk	8010-0459, 10/pk
	6.7	Fixed needle, gas tight	22/51/3	8010-0446, 1/pk	8010-0459, 10/pk
250	7.9	Fixed needle, gas tight	22/51/3	8010-0467, 1/pk	8010-0456, 10/pk
500	7.9	Fixed needle, gas tight	22/51/3	8010-0468, 1/pk	8010-0460, 10/pk
1 mL	7.9	Fixed needle, gas tight	22/51/3	8010-0443, 1/pk	8010-0455, 10/pk
2.5 mL	7.9	Fixed needle, gas tight	22/51/3	8010-0444, 1/pk	8010-0448, 10/pk



Agilent CrossLab Autosampler Syringes and Manual Syringes

The Agilent CrossLab HPLC syringe portfolio contains a broad selection of syringe styles and volumes to provide what you need for accurate and effective sampling. From autosampler syringes in both large or small volume, to syringes for pump priming, CrossLab syringes meet all form, fit, and function criteria to support your HPLC systems.

- Accuracy to within $\pm 1\%$ of nominal volume with a precision of 1% at 80% of the total volume
- A chemically inert fluid path of stainless steel, borosilicate Type I glass, or PTFE
- Robust design for long lifetime



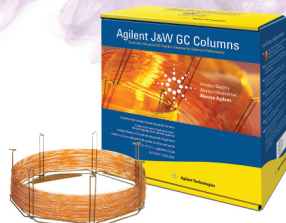
Autosampler syringe, 100 μL fixed needle, 8010-0442

Agilent J&W GC Columns

Confidence, quality, and accurate data

Put over 40 years of Agilent quality and innovation behind your every separation. Agilent J&W offers the broadest portfolio of the most innovative GC columns in the world. Our portfolio offers the best inertness for acids/bases/mixed functional compounds, the lowest bleed levels and the tightest column-to-column reproducibility. So when you put industry-leading Agilent J&W GC columns to work in your lab, you can have the utmost confidence in your column, and in every separation.

Learn more at www.agilent.com/chem/gccolumns



The Agilent LC Columns Family

Choice, control, and assured excellent results

Agilent designs and manufactures columns to suit most techniques for small molecule, biomolecule and synthetic polymer analysis, allowing you to scale methods from conventional 5 μm... to "Fast LC" sub-2 μm... to prep. You have access to Agilent's extensive applications library for faster method development – plus worldwide technical support, speedy problem resolution, our global infrastructure, and delivery network. Agilent's meticulous production oversight ensures column consistency and performance. With more than 40 years of experience in producing polymers and silica chemistries, our team is committed to continuously developing new column advances that make you more productive.

Learn more at www.agilent.com/chem/lccolumns



Put Agilent innovation and quality to work on a wide range of GCs and HPLCs in your lab

Agilent CrossLab is a growing portfolio of Agilent supplies critical to instrument performance and productivity. Agilent CrossLab supplies feature easy-to-use packaging.

GC supplies

- Autosampler syringes
- Column ferrules
- Column nuts
- Inlet liners with Agilent Original Deactivation
- Inlet liners with Ultra Inert Deactivation
- Liner O-rings
- Inlet septa

HPLC supplies

- Autosampler syringes
- Autosampler supplies
- Capillaries, tubing, and fittings
- Detector lamps
- Performance maintenance kits
- Pump supplies
- Sample loops
- Valve supplies

General supplies

- Well plates and sealing mats
- Autosampler vials and closures
- And more

All Agilent CrossLab supplies are backed by a 90-day guarantee. So you can put them to the test risk-free.

Plus, we now offer Agilent CrossLab services – a portfolio of service solutions designed to drive productivity and efficiency across your lab.

- Multi-vendor repair and maintenance
- Compliance
- Laboratory relocation services

Information, descriptions, and specifications in this publication are subject to change without notice.

© Agilent Technologies, Inc. 2014
Printed in the USA August 1, 2014
5973-2220



Learn more:

www.agilent.com/chem/CrossLab
www.agilent.com/chem/SelectCrossLab

Buy online:

www.agilent.com/chem/CrossLabstore

Find an Agilent Customer Center or Agilent
Authorized Distributor in your country:
www.agilent.com/chem/contactUS



Agilent Technologies