



# Agilent Cary UV-Vis-NIR Supplies

## Quick reference guide

### Agilent supplies for Agilent instruments

Agilent Technologies is committed to optimizing your laboratory's productivity, so we have produced this list of the most commonly ordered supplies and parts for the Agilent Cary UV-Vis-NIR spectrophotometers. Keep this list handy so you can quickly find the supplies you need and minimize instrument downtime.



#### Replacement source lamps

Description	Use with	Part No.
Deuterium UV lamp	Cary 100/300	G9820-80000
Visible QI lamp	Cary 100/300	5610021700
Xenon lamp module	Cary 50/60	110639690
Deuterium UV lamp	Cary 4000 to 7000	110713990
Visible QI lamp	Cary 4000 to 7000	5610013900

#### Miscellaneous cell supplies

Description	Unit	Part No.
Cell cleaning solution	1 L	5190-0530
Lens cleaning paper, lint-free	50/pk	9300-0761
Tray for 16 cells	10 mm	5063-6577
UV convenience kit Includes 2 x Open-top UV quartz cell, 10 mm, 3.0 mL vol.; tray for 16 cells; lens cleaning paper (lint free) and multi-function tool	1 ea	5067-4666

#### Cell holders and bases

Description	Use with	Part No.
Cell holder, spare	Cary 50/60	110645090
Standard cell holder, 10 mm, includes cell lifter and cell height adjustment screw	All Cary	110260190
Standard cell holder, 10 mm, with Z-height adjustment from 0-20 mm	All Cary except Cary 50/60	110721900
Long path length rectangular cell holder Holds 20, 50 and 100 mm rectangular cells and flowcells	All Cary	110059900
Cylindrical single cell holder, ambient, holds cylindrical cells with up to 100 mm path length	All Cary	110026900
Cell base	Cary 50/60	110648190
	Cary 100/300	210130490
Cell holder base	Cary 400 and 500	100481100
	Cary 4000/5000/6000i	110716190



## UV cuvettes (with center height 20 mm suitable for Cary series)

Macro cells			
Path length (mm)	Volume (mL)	Part No. Optical glass	Part No. Quartz
<b>Macro cells with PTFE lid, all Cary (fits standard cell holder)</b>			
10	3.5	6610008800*	6610000800* 6618000100**
20	7.0	6610016500	6610016200
50	17.5	6610016400	6610016100
100	35.0	6610016300	6610016000
<b>Macro cells with PTFE stopper</b>			
10	35		6610001100*

\* matched pairs

\*\* Infrasil quartz for use in NIR

Disposable cells, polystyrene, rectangular (340-800 nm)					
Cell type	Path length (mm)	Sample chamber width (mm)	Volume (mL)	Unit	Part No.
Macro cell	10	10	3.5	500/pk	6610018800
Micro cell	10	4	1.5	500/pk	6610018700

Semi-micro cells			
Path length (mm)	Internal dimensions (mm)	Volume (µL)	Part No. Quartz
<b>Semi-micro cells with PTFE lid, Cary 50/60 only, features two black walls and two translucent side walls</b>			
10	2 x 2	40	6610019500
<b>Semi-micro cells with PTFE stopper, all Cary, self-masking black walls</b>			
5	33 x 4	450	6610019800*
2	33 x 4	180	6610019700*
1	33 x 4	90	6610019600*
10	44.5 x 4	1400	6610001800
		1300	6610015400**
	33 x 4	900	6610012700*
<b>Cary 50/60 only, top section features two black walls and two translucent side walls</b>			
10	4.5 x 3	135	6610021100

\* matched pairs

\*\* use with magnetic stirrer bars, p/n 6610018900

Sub-micro cells, all Cary			
Path length (mm)	Internal dimensions (mm)	Volume (µL)	Part No. Quartz
5	4 x 2	40	6610024000®
10	4 x 2	80	6610024100®
	2.5 x 2	50	6610010400-

- with two black walls and two translucent side walls

® Low head space design for thermal melt applications

Ultra-micro cells with PTFE stopper, all Cary			
Path length (mm)	Aperture (mm)	Volume (µL)	Part No. Quartz
1	4 x 2	8	6610023900®
10	1 x 1	10	6610013800

® Low head space design for thermal melt applications

## UV cuvettes (continued)

### Cylindrical cells with two PTFE stoppers, all Cary

Path length (mm)	External dimensions (mm)	Volume (mL)	Part No. Quartz
10	12.5 x 22	2.8	6618000600*
50	52.5 x 22	14.1	6610002200
100	102.5 x 22	28.2	6610002300

\* has only a single PTFE stopper

### Flow-through cells with round aperture and screw fitting connection (40 mm height)

Path length (mm)	Aperture (mm)	Volume (μL)	Part No. Quartz
10	3	70	6610008900#

### Flow-through cells with rectangular aperture and screw fitting connection

Path length (mm)	Aperture (mm)	Volume (μL)	Part No. Quartz
<b>All Cary (35 mm height)</b>			
10	4 x 11	450	6610012600#
50	3 x 6	1000	6610010000#
100	3x 6	2100	6610010100#*

#### Cary 50/60 only (40 mm height)

1	6.5 x 11	113	6610019900
2	6.5 x 11	227	6610020000
5	6.5 x 11	568	6610020100
10	6.5 x 11	715	6610020200

#### Cary 100/300 only (40 mm height)

1	6.5 x 11	72	6610014100
2	6.5 x 11	290	6610014200
10	6.5 x 11	420	6610015200

\* 45 mm height

# Supplied with inlet and outlet PTFE tubing (1.6 mm od) fitted with M6 threaded connectors

### Replaceable tips for fiber optic probes

Description	Path length (mm)	Use with	Part No.
Replaceable tip, stainless steel	2	Cary 50/60	7910036000*
	5	Cary 50/60	7910035900*
	10	Cary 50/60	7910035800*
	40	Cary 50/60	7910036100*
Replaceable tip, Torlon	2	Cary 50/60	7910032800**
	5	Cary 50/60	7910032900**
	10	Cary 50/60	7910033000**
	20	Cary 50/60	7910034600**
	40	Cary 50/60	7910034500**
	Tips to suit the Versi remote fiber optics probe, p/n 190055700	10	All Cary

\* for use with stainless steel dip probe body p/n 7910035700 or 7910036500

\*\* for use with Torlon probe body p/n 7910032600 or 7910035100

### Tubing

Description	Part No.
Peristaltic pump tubing replacement kit for routine sampler accessory, includes silicon pump tubing and fittings	9910052900
PTFE tubing (to sample) for routine sampler accessory, per m	3710030800
Silicone tubing, to connect routine sampler accessory to flow cells, per m	3710026400

### Certified calibration standards

Description	Part No.
Calibrated solution standards kit, includes potassium dichromate 60 mg/L + 600 mg/L plus perchloric acid blank, holmium perchlorate 4% in 10% perchloric acid, potassium chloride 12 g/L, sodium iodide 1%, sodium nitrite 50 g/L, water blank for stray light solutions, 0.02% toluene in hexane, hexane blank. All solutions sealed in quartz cuvettes. Certificate of traceability and performance for every solution.	9910085200
Certified holmium glass filter, mounted in a 10 mm rectangular holder, incl. certificate	2010094300
Certified didymium glass filter, mounted in a 10 mm rectangular holder, incl. certificate	2010094400
OQ/PV chemical standards kit I (for photometric accuracy, stray light and resolution measurements), includes 10 mL ampoules with 4 potassium dichromate in sulfuric acid (2 each of 60 and 600 mg/L), 2 sulfuric acid, 1 sodium nitrite, 1 sodium iodide, 1 potassium chloride, 1 toluene in hexane and 2 hexane	5063-6503
OQ/PV chemical standards kit II (for wavelength accuracy), includes 10 mL ampoules with 1 perchloric acid and 1 holmium oxide in perchloric acid	5063-6521

## Cary accessory supplies

Description	Part No.
<b>Temperature probe accessory supplies</b>	
Probe holder, 4 rectangular end probes, suitable for 10 mm rectangular cells	9910066800
Probe holder, 4 tapered end probes, suitable for micro cells	9910066900
Short extension lead, required to mount probe inside the sample compartment	110381100
Long extension lead, required to mount probe outside sample compartment	110380500
O-ring kit for probe holder	9910067000
<b>Solid sample holder accessory supplies</b>	
End holder, side mounting support for solid sample holder for Cary 50/60, used to position polarizer/depolarizer or other accessories	810137000
Film holder spares kit #1, includes 4 magnetic strips, 20 V plates, gel-boat holders, 2 resting plates, 8 masks, 4 clamps	9910064600
Solid sample holder spares kit #1, includes 10 mm aperture sample slide holder, 5 mm aperture sample slide holder, 1 mm aperture sample slide holder, 2 V plate 3 x 45 mm, 2 V plate 6 x 45 mm, assorted screws and nuts for fixing samples onto sliding plates on sample holder	9910059400
Solid sample holder spares kit #2, includes 2 V plate 3 x 45 mm, 2 V plate 6 x 45 mm, assorted screws and nuts for fixing samples onto sliding plates on sample holder	9910056200
Solid sample end support, for attachment of polarizers, depolarizers or apertures to the standard solid sample mounting accessory for Cary 4000/5000/6000	5810008100
Solid sample masking aperture 1 mm, replacement aperture plate for Cary 4000/5000/6000	410204100
Solid sample masking aperture 5 mm, replacement aperture plate for Cary 4000/5000/6000	410204300
Solid sample masking aperture 10 mm, replacement aperture plate for Cary 4000/5000/6000	410203900
Solid sample mounting plate, provides attachment points for solid sample supports for Cary 4000/5000/6000	410204500

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