

Agilent Electronic Crimper and Decapper



Easy-to-Use

The comfortable grip makes the Electronic Crimper and Decapper easy-to-use. Simply place the jaws over the crimp cap and 2mL vial and push the cycle button with your gripping hand until the motor has engaged to cause a full crimping cycle. Within seconds, the user-adjustable jaws provide a precision crimp – a result that is repeated vial after vial. Works best when used in a seated position or standing at a GC autosampler tray.



Size: 13cm (L) x 4cm (W) x 18cm (H)
Weight: w/o battery: 445g, CE Certified
w/battery: 595g
charger: 290g
Body: Glass-filled nylon
Jaws: Carbon steel, electroless nickel plated
Battery: Black & Decker VersaPak Gold NiMH
Voltage: 3.6 V, Full charge time: 6-9 hrs.

Agilent Electronic Crimper and Decapper

Agilent electronic crimpers and decappers come complete with one VersaPak Gold rechargeable battery and charger.

Cat. No.	Description
5183-4763	Electronic crimper - 11mm
5184-3567	Electronic decapper - 11mm
5184-3572	Electronic crimper - 20mm
5184-3573	Electronic decapper- 20mm
5183-4799	Black and Decker VersaPak Gold NiMH rechargeable battery

- Weighs less than 1-1/2lbs!
- Crimps hundreds of crimp top vials per battery charge
- Consistent and reproducible crimping
- Settings are saved when not in use

Reliable, Reproducible Crimping with the Push of a Button

Tired of crimping hundreds of vials with manual crimpers? Tired of losing your samples due to poorly crimped seals? The Agilent Electronic Crimper solves these problems and crimps autosampler crimp top vials with the touch of a button. Using the Black & Decker VersaPak® Gold rechargeable battery, this motor-driven, hand-held, high precision tool lets you crimp hundreds of vials per battery charge.

Designed to fit your hand, the electronic crimper and decapper allows a comfortable and natural position eliminating the fatiguing wrist and hand motion experienced when using manual, plier-type crimpers. The crimper jaws can be set electronically to the precise level required for reliable and reproducible crimping. The jaws are designed to fit around closely-spaced vials like those in standard vial holders or autosampler trays. The crimping force is set using up-and-down adjustment buttons and is controlled electronically with an internal microcontroller – giving you the reliability you need for a gas-tight seal on your samples.

The electronic crimper comes complete with the crimper, battery, and battery charger. A spare and/or replacement VersaPak® battery is also available.

Proven Technology with the VersaPak® Gold Battery & Charger

- Well-known for tool technology
- Rechargeable within 6-9 hours
- Ergonomic design reduces fatigue to the hand and wrist associated with using manual plier-type crimpers



Power to the Agilent Electronic Crimper is provided by the Black & Decker VersaPak® Gold rechargeable battery, the same technology used in other power tools. Based on nickel-metal-hydride (NiMH) technology, the environment-friendly batteries provide consistent power and ability to crimp hundreds of vials with one battery charge.

Head Space Vials



CTV-2246



CTV-2246R



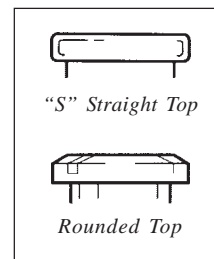
CTV-2375



CTV-2375R

Head Space Vials

Cat. No.	Description	Qty.
CTV-2375S	20mL Clear, 23 x 75mm, Head Space vial	100
CTV-2375	20mL Clear, 23 x 75mm, Rounded top/flat bottom	100
CTV-2375R	20mL Clear, 23 x 75mm, Rounded top/rounded bottom	100
CTV-2246S	10mL Clear, 22 x 46mm, Head Space vial	100
CTV-2246	10mL Clear, 22 x 46mm, Rounded top/flat bottom	100
CTV-2246R	10mL Clear, 22 x 46mm, Rounded top/rounded bottom	100
CTV-2238S	6mL Clear, 22 x 38mm, Head Space vial	100
CTV-2238	6mL Clear, 22 x 38mm, Rounded top/flat bottom	100
CTV-3060	27mL Clear, 30 x 60mm, Rounded top/flat bottom, (Shimadzu)	100



Crimp Caps for 20mm Vials

408101	Caps only, for 20mm OD vials	100
414183	Tear out center crimp caps (empty) for 20mm OD vials	100
930107	Crimp cap with pressure release safety feature	100
408077	Crimp cap with Silicone Rubber/PTFE faced septa	100
408234	Crimp cap with Butyl Rubber/PTFE, Gray	100

Septa for 20mm Vials

615020	Silicone Rubber/PTFE faced septa	100
408111	Butyl Rubber/PTFE faced septa	100
224168	Pharma-Fix liner (Use with 930107)	100

Accessories for 20mm Vials

Cat. No.	Description
5184-3572	Agilent electronic crimper for 20mm seals
904303	Crimper for 20mm seals
224303	E-Z Crimper, attaches 20mm seals
5184-3573	Agilent electronic decapper for 20mm seals
224353	Hand operated decappers, removes 20mm seals
904373	DeCapping pliers for 20mm seals



Pressure Release Lined Seals



Special 20mm crimp closures with bridges and scorelines in the aluminum seal. Use these seals when large amounts of volatile solvents are used in headspace analysis. 100 seals/pk

Cat. No.	Description
83320P	20mm PR, w/PTFE/Silicone
83220P	20mm PR, w/PTFE/Gray Butyl molded
83520P	20mm PR, w/Pharma-Fix liner

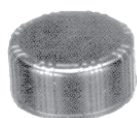
Magnetic Lined Seals



Magnetic lined 20mm headspace seals are required by a number of autosamplers (*Carlo Erba HS 500 and 700 and Leap HS 500*) which pick up and transport vials by the use of a magnet prior to analysis. 100 seals/pk

Cat. No.	Description
83320M	20mm MLS, w/PTFE/Silicone
83220M	20mm MLS, w/PTFE/Gray Butyl molded

Autosampler Vials



Closed Top



The Top Hat™ septa and closure was designed to provide a positive physical lock to assure that preassembled components arrive intact.

EPA/VOA Vials

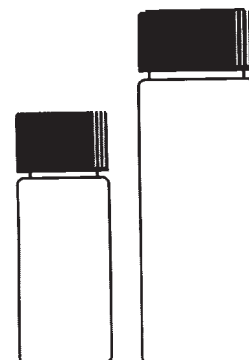
Description	Qty.	Preassembled Vials	Precleaned Vials	Precleaned/Certified
		Cat. No.	Cat. No.	Cat. No.
20mL, .125" Septa open top clear vials	72	CTV-1611	CTV-6212	CTV-6213
20mL, .125" Septa open top amber vials	72	CTV-1621	CTV-6222	CTV-6223
20mL, w/Top Hat septa, clear vials	72	CTV-1631	CTV-6232	CTV-6233
20mL, w/Top Hat septa, amber vials	72	CTV-1641	CTV-6242	CTV-6243
20mL, Closed top clear vials	72	CTV-1651	CTV-6252	CTV-6253
20mL, Closed top amber vials	72	CTV-1661	CTV-6262	CTV-6263
40mL, .125" Septa open top clear vials	72	CTV-6411	CTV-6412	CTV-6413
40mL, .125" Septa open top amber vials	72	CTV-6421	CTV-6422	CTV-6423
40mL, w/Top Hat septa, clear vials	72	CTV-6431	CTV-6432	CTV-6433
40mL, w/Top Hat septa, amber vials	72	CTV-6441	CTV-6442	CTV-6443
40mL, Closed top clear vials	72	CTV-6451	CTV-6452	CTV-6453
40mL, Closed top amber vials	72	CTV-6461	CTV-6462	CTV-6463

Precleaned Autosampler Vials

	Qty.	Precleaned Vials	Precleaned/Certified
		Cat. No.	Cat. No.
12 x 32mm Vials			
2mL, Clear, PTFE/Silicone, 8-425 screw cap	100	CTV-7212	CTV-7213
2mL, Clear, PTFE/Silicone, 8-425 Top Hat	100	CTV-7232	CTV-7233
2mL, Clear, Snap seal, PTFE/Silicone Snap Top Cap	100	CTV-7252	CTV-7253
2mL, Amber, PTFE/Silicone, 8-425 screw cap	100	CTV-7222	CTV-7223
2mL, Amber, PTFE/Silicone, 8-425 Top Hat	100	CTV-7242	CTV-7243
2mL, Amber, Snap seal, PTFE/Silicone Snap Top Cap	100	CTV-7262	CTV-7263
15 x 45mm Vials			
4mL, Clear, PTFE/Silicone, 13-425 screw cap	100	CTV-7412	CTV-7413
4mL, Clear, PTFE/Silicone, 13-425 Top Hat	100	CTV-7432	CTV-7433
4mL, Clear, Snap seal vial, PTFE/Silicone Snap Top Cap	100	CTV-7452	CTV-7453
4mL, Amber, PTFE/Silicone, 13-425 Screw cap	100	CTV-7422	CTV-7423
4mL, Amber, PTFE/Silicone, 13-425 Top Hat	100	CTV-7442	CTV-7443
4mL, Amber, Snap seal, PTFE/Silicone Snap Top Cap	100	CTV-7462	CTV-7463

Silane Treated Autosampler Vials

	Qty.	Cat. No.
		Cat. No.
12 x 32mm Vials		
2mL, Clear, PTFE/Silicone, 8-425 screw cap	100	CTV-7272
2mL, Amber, PTFE/Silicone, 8-425 screw cap	100	CTV-7282
2mL, Clear, Snap seal, PTFE/Silicone Snap Top Cap	100	CTV-7292
2mL, Amber, Snap seal, PTFE/Silicone Snap Top Cap	100	CTV-7202
15 x 45mm Vials		
4mL, Clear, PTFE/Silicone, 13-425 screw cap	100	CTV-7472
4mL, Amber, PTFE/Silicone, 13-425 screw cap	100	CTV-7482
4mL, Clear, Snap seal vial, PTFE/Silicone Snap Top Cap	100	CTV-7492
4mL, Amber, Snap seal, PTFE/Silicone Snap Top Cap	100	CTV-7402



Storage Vials, Caps and Seals

Open-Top/Solid Top Caps



Clear Screw Cap Vials

Cat. No.	Description	Qty.
408213	2mL, 12 x 32mm (8mm cap)	100
404802	4mL, 15 x 45mm (13mm cap)	100
224701	8mL, 17 x 60mm (15mm cap)	200
402024	12mL, 19 x 65mm (15mm cap)	200
224706	16mL, 21 x 70mm (18mm cap)	200
224708	24mL, 27 x 70mm (24mm cap)	200
402027	40mL, 27 x 95mm (24mm cap)	100

Open Top Caps

Cat. No.	Description	Qty
408010	8mm, Open-top cap	1,000
408032	13mm, Open-top cap	100
531015	15mm, Open-top cap	100
531018	18mm, Open-top cap	100
412044	20mm, Open-top cap	100
531024	24mm, Open-top cap	100

Solid Top Caps

410206-R	8mm, Solid cap, rubber liner	1,000
410208-R	13mm, Solid cap, rubber liner	200
410209-R	15mm, Solid cap, rubber liner	200
410215-R	18mm, Solid cap, rubber liner	500
410216-R	20mm, Solid cap, rubber liner	500
410214-R	24mm, Solid cap, rubber liner	500
410208-T	13mm, Solid cap, Teflon liner	200
410209-T	15mm, Solid cap, Teflon liner	200
410215-T	18mm, Solid cap, Teflon liner	200
410216-T	20mm, Solid cap, Teflon liner	100
410214-T	24mm, Solid cap, Teflon liner	100
535008	8-425 Solid cap, PP, Pulp/PTFE	1,000
536008	8-425 Solid cap, PP, PTFE/F217	100
535010	10-425 Solid cap, PP,PTFE	1,000
535013	13-425 Solid cap, PP, Pulp/PTFE	100
536013	13-425 Solid cap, PP, PTFE/F217	100

Septa

Cat. No.	Description	Qty.
400581	8mm, PTFE faced Silicone	100
408045	13mm, PTFE faced Silicone	100
606515	15mm, PTFE faced Silicone	100
606518	18mm, PTFE faced Silicone	100
615020	20mm, PTFE faced Silicone	100
615024	24mm, PTFE faced Silicone	100
408246	8mm, PTFE faced natural Rubber	100
240594	15mm, PTFE faced natural Rubber	100
240596	20mm, PTFE faced natural Rubber	100



Amber Screw Cap Vials

Cat. No.	Description	Qty.
404810	2mL, 12 x 32mm (8mm cap)	100
404812	4mL, 15 x 45mm (13mm cap)	100
224814	8mL, 17 x 60mm (15mm cap)	100
402034	12mL, 19 x 65mm (15mm cap)	200
CTV-2170	16mL, 21 x 70mm (18mm cap)	144
402037	40mL, 27 x 95mm (24mm cap)	144

Mobile Phase/Storage Bottles



- Graduations
- Teflon lined caps

Cat. No.	Description
219817-1	250mL Graduated bottle w/cap, 33-430
219819-1	500mL Graduated bottle w/cap, 33-430
219919-1	500mL Graduated bottle, no cap, GL45
219820-1	1L Graduated bottle w/cap, 38-430
219940-1	1L Safety coated graduated bottle w/cap, GL-45

Storage Bottles

- Ideal for solvent or sample storage
- Narrow or wide mouth available
- Round or square bottles



Redi-Pak™ Glass Boston Round Bottles

Unique narrow mouth bottles are ideal for solvent and sample storage.

Capacity oz./mL	Dia. x Hgt. mm (w/o cap)	Case Qty.	White PP Cap Poly Vinyl Liner Cat. No.	White PP Cap Teflon® Liner Cat. No.	White PP Cap Rubber Liner Cat. No.	Black Plastic Cap Poly-Seal® Liner Cat. No.
Clear						
1/30	31 x 79	48	W216800	W216806	W216818	W216812
2/60	39 x 94	24	W216801	W216807	W216819	W216813
4/125	48 x 112	24	W216802	W216808	W216820	W216814
8/250	60 x 136	12	W216803	W216809	W216821	W216815
16/500	75 x 168	12	W216804	W216810	W216822	W216816
32/1000	94 x 206	12	W216805	W216811	W216823	W216817
Amber						
1/30	31 x 79	48	W216836	W216842		W216848
2/60	39 x 94	24	W216837	W216843	W216854	W216849
4/125	48 x 112	24	W216838	W216844	W216855	W216850
8/250	60 x 136	12	W216839	W216845	W216856	W216851
16/500	75 x 168	12	W216840	W216846	W216857	W216852
32/1000	94 x 206	12	W216841	W216847	W216858	W216853

Redi-Pak™ Clear French Squares

These square shaped bottles allow you to maximize storage space in the lab.

0.5/15	26 x 62	48	W216871	W216877	W216883
1/30	31 x 72	48	W216872	W216878	W216884
2/60	39 x 72	48	W216873	W216879	W216885
4/125	45 x 111	24	W216874	W216880	W216886
8/250	56 x 137	24	W216875	W216881	W216887
16/500	68 x 157	24	W216876	W216882	W216888



Redi-Pak Clear Standard Wide Mouth Bottles

The largest bottles available in the Redi-Pak line offer a ready-to-use sample storage container.

4/125	52 x 84	24	W216924	W216929
8/250	63 x 110	24	W216925	W216930
16/500	79 x 133	24	W216926	W216931
65/2000	122 x 213	6	W216927	W216932
130/4000	157 x 256	4	W216928	W216933



Redi-Pak AC (Medium) Round Bottles

Wheaton (Atlantic City) Rounds have been in use for years. Ideal for use as sample bottles. They are also useful for dry powders, soil samples, and specimen storage.

1/30	34 x 68	48	W216995	W217000
2/60	42 x 83	48	W216996	W217001
4/125	51 x 102	24	W216997	W217002
8/250	68 x 127	24	W216998	W217003
16/500	76 x 145	24	W216999	W217004



Mininert™ Valves for Glassware

- Leak-tight closure with syringe access – take a sample with no exposure of vial contents to atmosphere
- Economical
- Replaceable septum
- Simple installation – no tools



Operation is extremely simple – push the green button to open the valve, insert the needle through the septum and take a sample, withdraw the needle, and push the red button to close the valve.

Mininert push-button valves are highly dependable, leak-tight closures for screw cap vials and other laboratory containers.

When used with a glass vial, only PTFE and glass are in contact with the contents. Their unique features make Mininert valves the ideal closure for calibration standards, air or moisture sensitive fluids, derivatizing reagents, volatile chemicals, etc.

Temperature Specifications:

Mininert valves can be used at temperature up to 105° F. However, after use at high temperatures, the valve may leak slightly when cooled to room temperature.

Pressure Specifications:

The sealing ability of Mininert valves is more than adequate to contain most volatile liquids and gases at low pressures. Mininert valves have been used as high as 120 psi without leakage but this is **NOT** a recommendation for pressurizing glass containers to these levels. Such pressurization of glass containers can be extremely dangerous.

Chemical Resistance Specifications:

PTFE is highly inert and may be used with most common materials. It is particularly useful for working with most acids and organic solvents.

Mininert™ Ordering Information

Cat. No.	Description	Qty.
614158	Vial valve for 13mm-425 thread	12
614160	Vial valve for 15mm-425 thread	12
614161	Vial valve for 18mm-400 thread	12
614170	Vial valve for 20mm-400 thread	12
614163	Vial valve for 24mm-400 thread	12
614250	Crimp-top valve for 20mm ID* glassware	12
644350	Replacement septa	50
644850	Installation tool	1

*The crimp-top valve for 20mm ID glassware slides into the neck of the vial and features a threaded flange which is turned to secure a tight fit.



Magnetic Stirrers

Cat. No.	Description	Qty.
412131	Spin Vane for 0.1-2mL micro vials	6
402013-MS	Spin Vane for 3-5mL micro vials	6

Micro/Reaction Vials

Clear Screw Cap Micro Vials, 12/pk

Cat. No.	Description	Uses Cap & Septa
402000	0.1mL, Conical vial, 12 x 32mm	8mm
402013	0.3mL, Conical vial, 13 x 32mm	13mm
402001	1mL, Conical vial, 13 x 45mm	13mm
402002	3mL, Conical vial, 20 x 47mm	20mm
402003	5mL, Conical vial, 20 x 62mm	20mm

Graduated Screw Cap Micro Vials, 12/pk

402005	0.1mL, Conical vial, 12 x 32mm	8mm
402014	0.3mL, Conical vial, 13 x 32mm	13mm
402006	1mL, Conical vial, 13 x 45mm	13mm
402007	3mL, Conical vial, 20 x 47mm	20mm
402008	5mL, Conical vial, 20 x 62mm	20mm

Amber Screw Cap Micro Vials, 12/pk

402009	0.1mL, Conical vial, 12 x 32mm	8mm
402015	0.3mL, Conical vial, 13 x 32mm	13mm
402010	1mL, Conical vial, 13 x 45mm	13mm
402011	3mL, Conical vial, 20 x 47mm	20mm
402012	5mL, Conical vial, 20 x 62mm	22mm

Caps

Cat. No.	Description	Qty.
408010	8mm, Open-Top cap	1,000
408032	13mm, Open-Top cap	100
412044	20mm, Open-Top cap	100
240517	22mm, Open-Top cap	200

Septa

400581	8mm, PTFE faced Silicone	100
408045	13mm, PTFE faced Silicone	100
615020	20mm, PTFE faced Silicone	100
240587	22mm, PTFE faced Silicone	100
408246	8mm, PTFE faced natural Rubber	100
240596	20mm, PTFE faced natural Rubber	100

