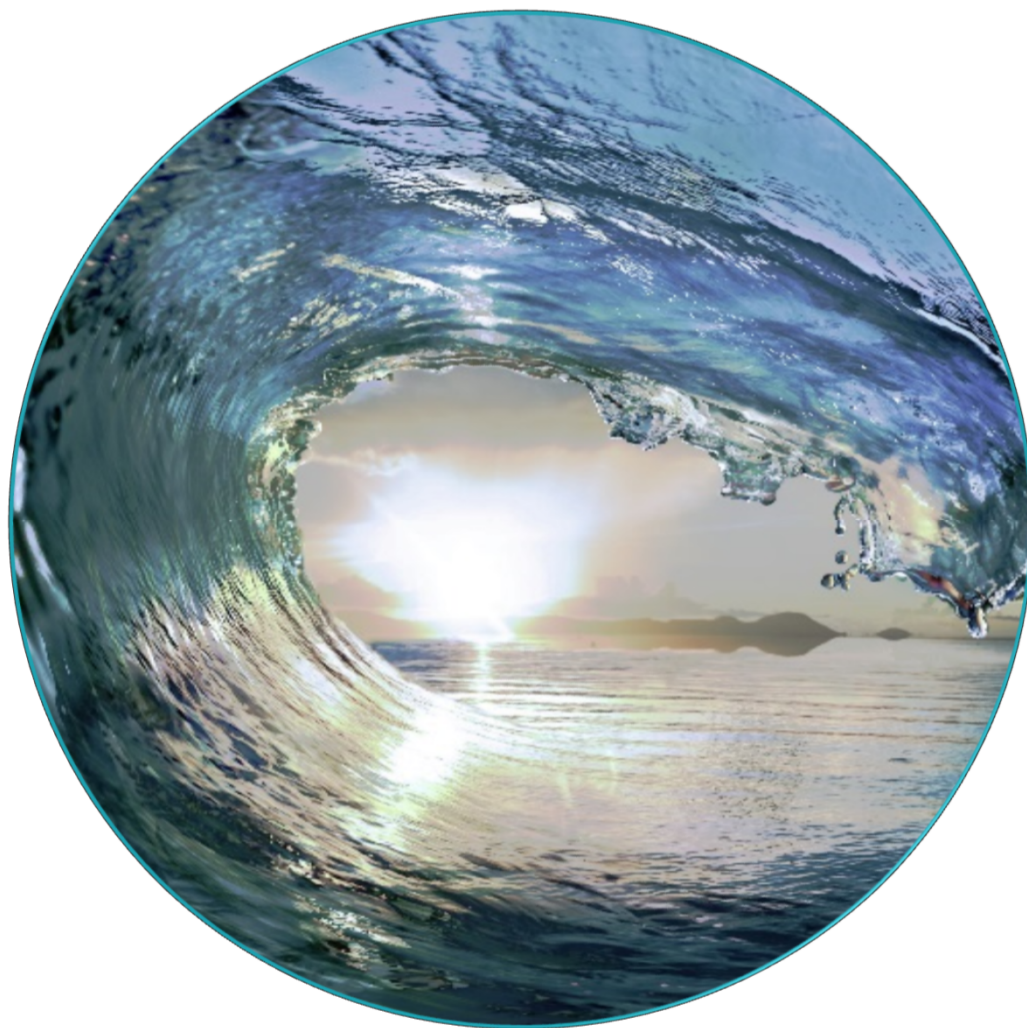




CHROMOPTIC



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Environmental Selection

Chromatography Consumables for Food Selection

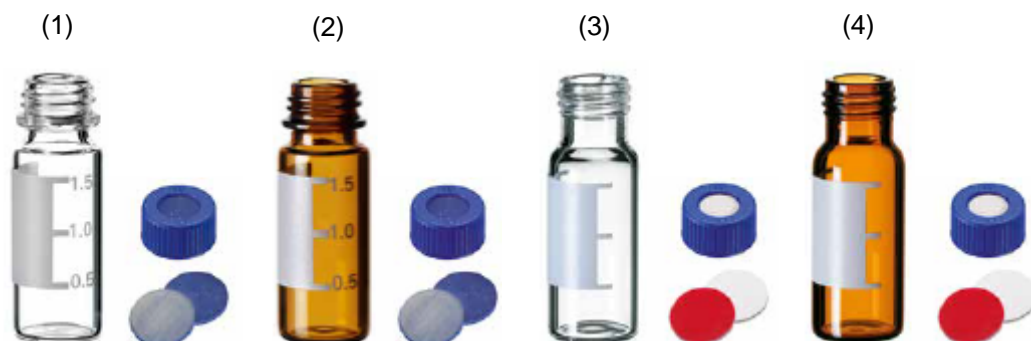
Not every chromatographer has the need for the same vial & closure or the same sample handling container. The here shown selection represent the most used and helpful autosampler products for this segment of the business.

- Certified Kits
- Screw, Snap and Crimp Vials & Closures
- Plastic and Microsampling Vials
- Well Plates and Mats
- Vial Racks

The selection has been made by experts in order to meet the special requirements of this segment and the connected challenges of the “to be analyzed” samples and molecules. It might not be complete, but represents 90% of the core products.

LC/MS GC/MS CERT Kits & CERT Kits

- (1) 11 40 3196 LC/MS and GC/MS Certified Vial Kit: 1.5ml Short Thread SureStop™ Vial, clear glass, wide opening, with overwind-barrier; Ultra High Performance Seal: PP Short Thread Cap, blue, centre hole; Silicone darkblue-translucent/PTFE natural, 35° shore A, 1,0mm
- (2) 11 40 3197 LC/MS and GC/MS Certified Vial Kit: 1.5ml Short Thread SureStop™ Vial, amber glass, wide opening, with overwind-barrier; Ultra High Performance Seal: PP Short Thread Cap, blue, centre hole; Silicone darkblue-translucent/PTFE natural, 35° shore A, 1,0mm
- (3) 11 40 2556 HPLC/GC Certified Vial Kit: 1.5ml Short Thread Vial, clear glass, 1st hydrolytic class, label; UltraClean Closure: 9mm PP Short Thread Cap, blue, centre hole; Silicone white/PTFE red, 55° shore A, 1.0mm
- (4) 11 40 2557 HPLC/GC Certified Vial Kit: 1.5ml Short Thread Vial, amber glass, 1st hydrolytic class, label; UltraClean Closure: 9mm PP Short Thread Cap, blue, centre hole; Silicone white/PTFE red, 55° shore A, 1.0mm



ND18 Headspace Vials & Closures

- | | | |
|-----|------------|--|
| (1) | 18 09 1307 | 1.5ml Crimp Neck Vial, 32 x 11.6mm, clear glass, 1st hydrolytic class, wide opening, label and filling lines |
| (2) | 18 03 1309 | 1.5ml Crimp Neck Vial, 32 x 11.6mm, amber glass, 1st hydrolytic class, wide opening, label and filling lines |

(1)



(2)



ND 24 (EPA) Screw Neck Vials & Closures

- | | | |
|-----|------------|---|
| (1) | 24 09 0402 | 40ml EPA Screw Neck Vial, 95 x 27.5mm, clear glass, 1st hydrolytic class |
| (2) | 24 09 0589 | 20ml EPA Screw Neck Vial, 57 x 27.5mm, clear glass, 1st hydrolytic class |
| (3) | 24 15 1163 | 24mm Combination Seal: PP Screw Cap, white, centre hole; Silicone white/PTFE beige, 45° shore A, 3.2mm, EPA-Quality |

(1)



(2)



(3)



ND20 Headspace Vials & Closures

- | | | |
|-----|------------|--|
| (1) | 20 09 0873 | 20ml Headspace-Vial, 75.5 x 22.5mm, clear glass, 1st hydrolytic class, DIN Crimp Neck, long neck, rounded bottom |
| (2) | 20 03 0142 | UltraClean Closure: 20mm Aluminium Cap, plain, centre hole; Silicone transparent blue/PTFE white, 45° shore A, 3.0mm |
| (3) | 20 03 0901 | 20mm Combination Seal: Aluminium Crimp Cap, plain, centre hole; Silicone white/PTFE beige, 45° shore A, 3.2mm |

(1)



(2)



(3)



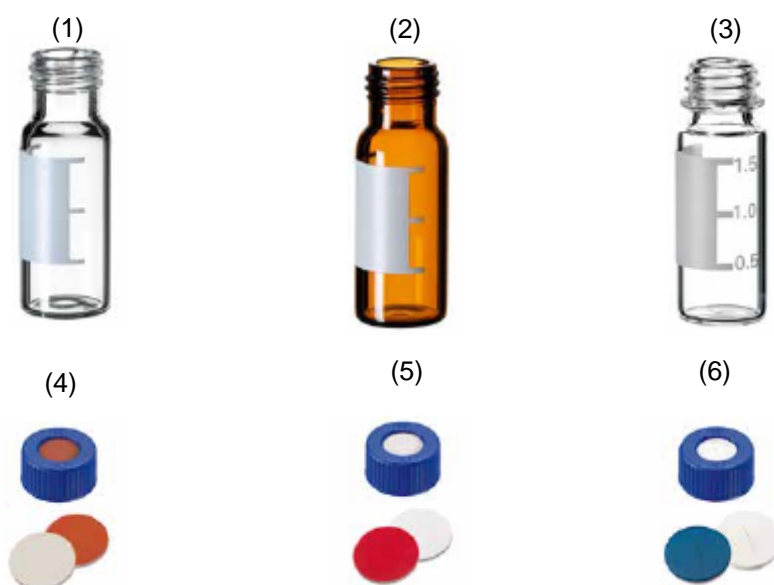
Crimping Tools & PP Vial Rack

- | | |
|------------|--|
| 11 06 0006 | 11mm Crimper |
| 20 06 0008 | 20 mm Crimper |
| 12 21 2420 | PP Storage Box for 1,5ml (1,8ml, 2ml) vials or 2ml shell vials, blue, with cover (130 x 130 x 45mm), 81 cavities with alphanumeric coding of all 4 margins as well as the cavities at the bottom |



9mm Screw Thread Vials & Closures

- | | | |
|-----|------------|---|
| (1) | 11 09 0519 | 1.5ml Short Thread Vial, 32 x 11.6mm, clear glass, 1st hydrolytic class, wide opening, label and filling lines |
| (2) | 11 09 0520 | 1.5ml Short Thread Vial, 32 x 11.6mm, amber glass, 1st hydrolytic class, wide opening, label and filling lines |
| (3) | 11 09 2746 | 1.5ml Short Thread SureStop™ Vial, 32 x 11.6mm, clear glass, 1st hydrolytic class, wide opening, label and filling lines ,with overwind-barrier |
| (4) | 09 15 1819 | 9mm Combination Seal: PP Short Thread Cap, blue, with centre hole; RedRubber / PTFE beige, 45° shore A, 1,0mm |
| (5) | 09 15 0838 | UltraClean Closure: 9mm PP Short Thread Cap, blue, centre hole; Silicone white/PTFE red, 55° shore A, 1.0mm |
| (6) | 09 15 0869 | 9mm Combination Seal: PP Short Thread Cap, blue, centre hole; Silicone white/PTFE blue, 55° shore A, 1.0mm, slitted |



Microsampling Vials - 9mm Screw Thread Vials

- | | | |
|-----|------------|---|
| (1) | 11 09 2357 | Short Thread Vial with integrated Micro-Insert, 32 x 11.6mm, clear glass, 1st hydrolytic class, "Base bonded" |
| (2) | 11 09 2656 | Short Thread Vial with integrated Micro-Insert, 32 x 11.6mm, amber glass, 1st hydrolytic class, "Base bonded" |
| (3) | 11 09 0620 | 1.1ml Microliter Short Thread Vial ND9, 32 x 11.6mm, clear glass, 1st hydrolytic class |



11mm Crimp Neck Vials & Closures

- | | | |
|-----|------------|---|
| (1) | 11 09 0476 | 1.5ml Crimp Neck Vial, 32 x 11.6mm, clear glass, 1st hydrolytic class, wide opening, label and filling lines |
| (2) | 11 09 0477 | 1.5ml Crimp Neck Vial, 32 x 11.6mm, amber glass, 1st hydrolytic class, wide opening, label and filling lines |
| (3) | 11 03 0209 | 11mm Combination Seal: Aluminium Cap, clear lacquered, centre hole; Natural Rubber red-orange/TEF transparent, 60° shore A, 1.0mm |
| (4) | 11 03 1875 | 11mm Combination Seal: Aluminium Cap, clear lacquered, with centre hole; Red Rubber / PTFE beige, 45° shore A, 1.0mm |
| (5) | 11 03 0247 | UltraClean Closure: 11mm Aluminium Cap, clear lacquered, centre hole; Silicone white/PTFE red, 45° shore A, 1.3mm |



Crimping Tools & PP Vial Rack

- | | |
|------------|--|
| 11 06 0006 | 11mm Crimper |
| 20 06 0008 | 20 mm Crimper |
| 12 21 2420 | PP Storage Box for 1,5ml (1,8ml, 2ml) vials or 2ml shell vials, blue, with cover (130 x 130 x 45mm), 81 cavities with alphanumeric coding of all 4 margins as well as the cavities at the bottom |





Your reliable partner
for Chromatography Consumables

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Environmental Selection