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### INDUSTRIAL

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# **INDUSTRIAL**

#### Chromatography Consumables for Industrial Selections

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 and Crimp Neck Vials & Closures
- Plastic Vials
- Headspace Vials & Closures
- Crimping Tools and Vial Rack

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 certified KITs & HPLC/GC certified KITs



#### IVA70940300

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

#### IVA70940301

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

#### IVA70940302

LC/MS and GC/MS Certified Vial Kit: 1.5ml Short Thread SureStop™ Vial, 32 x 11.6mm, clear glass, wide opening, with overwind-barrier; Ultra High Performance Seal: PP Short Thread Cap, blue, centre hole; Silicone darkbluetranslucent/PTFE natural, 35° shore A, 1,0mm

#### IVA70940303

LC/MS and GC/MS Certified Vial Kit: 1.5ml Short Thread SureStop™ Vial, 32 x 11.6mm, amber glass, wide opening, with overwind-barrier; Ultra High Performance Seal: PP Short Thread Cap, blue, centre hole; Silicone darkbluetranslucent/PTFE natural, 35° shore A, 1,0mm

#### **Short Thread Vials ND9**



#### IVA70911301

1.5ml Short Thread Vial, 32 x 11.6mm, clear glass, 1st hydrolytic class, wide opening, label and filling lines



#### IVA70911302

1.5ml Short Thread Vial, 32 x 11.6mm, amber glass, 1st hydrolytic class, wide opening, label and filling lines



#### IVA70911311

1.5ml Short Thread SureStop™ Vial, 32 x 11.6mm, clear glass, 1st hydrolytic class, wide opening, with overwindbarrier

#### **Plastic Vials ND9**



#### IVA71911300

1.5ml PP Short Thread Vial, 32 x 11.6mm, transparent, with filling lines



IVA71911302

0.7ml PP Short Thread Micro-Vial, 32 x 11.6mm, transparent



IVA71911303

0.7ml PP Short Thread Micro-Vial, 32 x 11.6mm, transparent

#### **PP Short Thread Seals ND9**







#### IVA71509309

9mm Combination Seal: PP Short Thread Cap, transparent, centre hole; Natural Rubber redorange/TEF transparent, 60° shore A, 1.0mm

#### IVA71509310

UltraClean Closure: 9mm PP Short Thread Cap, blue, centre hole; Silicone white/PTFE red, 55° shore A, 1.0mm

#### IVA71509312

9mm Combination Seal: PP Short Thread Cap, blue, centre hole; Silicone white/PTFE blue, 55° shore A, 1.0mm, slit

#### **Crimp Neck Vials ND11**



#### IVA70911101

1.5ml Crimp Neck Vial, 32 x 11.6mm, clear glass, 1st hydrolytic class, wide opening, label and filling lines



#### IVA70911102

1.5ml Crimp Neck Vial, 32 x 11.6mm, amber glass, 1st hydrolytic class, wide opening, label and filling lines

#### **Aluminum Crimp Seals ND11**







#### IVA70311100

11mm Combination Seal: Aluminium Cap, clear lacquered, centre hole; Natural Rubber redorange/TEF transparent, 60° shore A, 1.0mm

#### IVA70311107

11mm Combination Seal: Aluminium Cap, clear lacquered, with centre hole; Red Rubber / PTFE beige,45° shore A, 1.0mm

#### IVA70311112

UltraClean Closure: 11mm Aluminium Cap, clear lacquered, centre hole; Silicone white/PTFE red, 45° shore A, 1.3mm

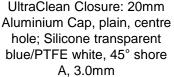
#### **Crimping and Decapping Tools**



#### Crimp Neck Headspace-Vials and Aluminum Crimp Seals ND20



20ml Headspace-Vial, 75.5 x 22.5mm, clear glass, 1st hydrolytic class, DIN Crimp Neck, long neck, rounded bottom



20mm Combination Seal: Aluminium Crimp Cap, plain, centre hole; Silicone white/PTFE beige, 45° shore A, 3.2mm

#### Precision Thread Headspace-Vials and Magnetic Screw Seals ND18





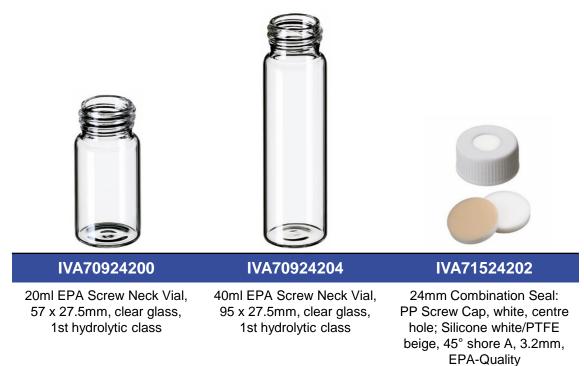
#### IVA70918202

20ml Precision Thread Headspace-Vial, 75.5 x 22.5mm, clear glass, 1st hydrolytic class, rounded bottom (for MAGNETIC screw caps)

#### IVA70318201

UltraClean Closure: 18mm Magnetic Universal Screw Cap, silver, centre hole; Silicone transparent blue/PTFE white, 45° shore A, 1.3mm

#### (EPA) Screw Neck Vials and PP Screw Seals ND24



#### **PP Storage Box and Vial Rack**



#### IVA72112601

PP Storage Box for 1,5ml 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



#### IVA72112607

PP Vial-Rack, (200 x 105 x 17mm), for 1.5ml vials, 50 cavities, blue, stackable

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## ...FOR ANALYTICAL PRODUCTS

