

New products and useful information

October 27, 2017

# Vials and caps (Q4/2017)

## 1. New products

### 1.1. Polypropylene micro-insert, 0.1 mL, with integrated spring

Analogous to the glass micro-insert 702818 this plastic insert can be used in vials with wide opening.

Fields of application for plastic micro-inserts are:

- Ion chromatography (IC), heavy metal analysis, Atomic Absorption Spectrometry (AAS), Capillary Electrophoresis (CE + CE/MS)
- for usage in the analysis of polar compounds, such as proteins, amines or phenols
- for aqueous and pH-sensitive samples in HPLC



#### Ordering information

**702819** 0.1 mL Polypropylene Insert for wide opening  
outer diameter: 5.7 mm, outer height: 29 mm  
transparent, with integrated spring  
pack of 100

### 1.2. Magnetic screw cap N 9 for CTC GC PAL® and identically constructed autosamplers

Analogous to the 11 mm magnetic crimp closure 702879, this magnetic screw closure can be used on all autosamplers that transport vials via a magnet (e.g. CTC GC PAL®). The blue PP screw cap with a silver, pressed on and firmly fixed top allows a convenient and easy screwing onto the vial. Like the magnetic crimp closure it contains a Silicone white/PTFE red septum with high analytical purity. Due to its low thickness (1.0 mm) and its softness the septum is safe to penetrate. Upon request we can supply the magnetic screw closures also with other septa materials.

#### Ordering information

**702155** N 9 magnetic screw cap, silver, center hole  
Silicone white/PTFE red  
Hardness: 45° shore A  
Thickness: 1.0 mm  
pack of 100



**702156** N 9 magnetic screw cap, silver, center hole  
Silicone white/PTFE blue, slit  
Hardness: 55° shore A  
Thickness: 1.0 mm  
pack of 100



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### 1.3. Pre-sealed screw neck vials N 24 (EPA)

Generally all types of EPA screw neck vials N 24 can be supplied pre-sealed with a closure of your choice. Pre-sealed vial-closure-combinations avoid contaminations in the lab during consumption (→ important for TOC/VOC analysis). The most typical vial-closure-combination in this field is MN REF 702877, consisting of a 40 mL screw neck vial (702023) being sealed with a bonded Silicone / PTFE closure with center hole (702058).

#### Ordering information

##### 702877

Pre-sealed vials 702023:  
40 mL Screw Neck Vial N 24, 27.5 x 95 mm  
clear, flat bottom  
pre-screwed with 702058:  
N 24 PP screw cap (bonded), white, center hole  
Silicone white/PTFE beige  
Hardness: 45° shore A, Thickness: 3.2 mm  
pack of 100



##### 702865

Pre-sealed vials 702021:  
20 mL Screw Neck Vial N 24, 27.5 x 57 mm  
clear, flat bottom  
pre-screwed with 702073:  
N 24 PP screw cap (bonded), white, center hole  
Red Rubber/TEF colourless  
Hardness: 45° shore A, Thickness: 2.5 mm  
pack of 100

### 1.4. Vial rack for 10 mL + 20 mL Headspace vials with Ø 23 mm max.

We have completed our line of vial racks by a blue, 36 position rack for vials with a diameter of 23 mm maximum. Inside the rack the 10 mL and 20 mL Headspace vials have a safe standing position on the lab bench or they may be transported safely from one lab to another. Further vial racks from our delivery program are: 702502 for vials with Ø 12 mm max. (1.5 mL vials) and 702504 for vials with Ø 15 mm (4 mL vials).



#### Ordering information

##### 702503

36 position polypropylene vial rack blue, coded, for all vials  
with a diameter of 23.1 mm max. and flat bottom  
Dimensions: 323 x 91 x 30 mm, stackable  
pack of 5

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### 1.5. Vial container for 8 mL + 12 mL screw neck vials for sample storage

We also added a new vial container to our assortment which is a 36 position vial container for 8 mL and 12 mL storage vials, our MN REFs 702096, 702311, 70285, 702097. In comparison to vial racks vial container have a transparent lid which makes them also in filled condition stackable. If used in a fridge or a freezer the lid additionally prevents condensations and thus contaminations on the septum in the area of the center hole.

#### Ordering information

##### 702518

36 Position Container blue with removeable divider for screw neck vials N 15 (sample storage: 702096, 702311, 70285, 702097) outer length: 130 mm, outer width: 130 mm, outer height: 80 mm with transparent lid (suitable for freezers) pack of 1

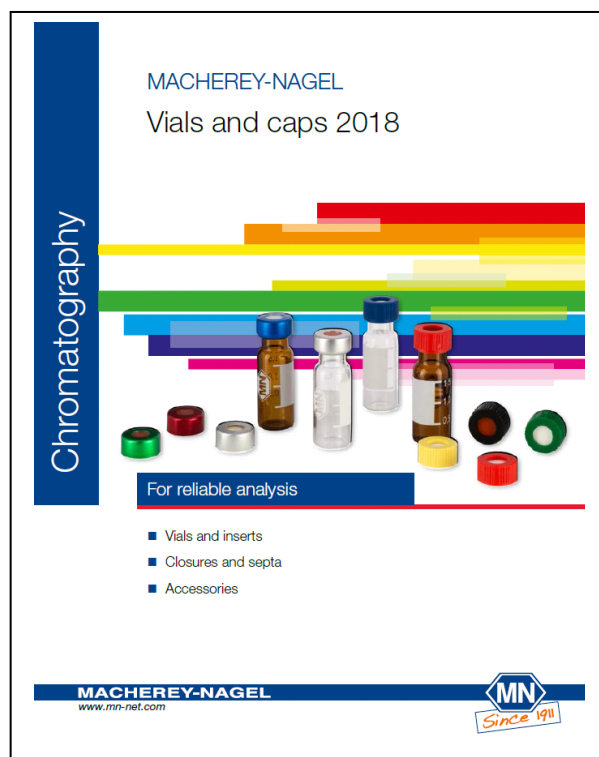


### 1.6. Change of the packaging unit of 70209.1 from 60 pieces to 88 pieces

MN REF 70209.1 (100 mL Headspace crimp neck vial N 20, 51.6 mm x 94.5 mm, clear, flat bottom, flat DIN crimp neck) has been sold up to now with 60 pcs. per pack. After sale of our current stocks the packaging unit will change to 88 pcs. per pack. The price which is based on the packaging unit will be converted accordingly.

## 2. Catalog „Vials and caps“, KATEN200010

An up-dated 2018 version of our Vials and Caps brochure is soon available. In case you wish to receive a copy of it, please do not hesitate to contact us. It will give you an overview on our whole delivery program in this field. Furthermore it contains the useful tools, such as: 1:1 drawings of all vials and micro-inserts, up-dated autosampler compatibility lists, a septa guide as well as some practical tips on crimping.



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