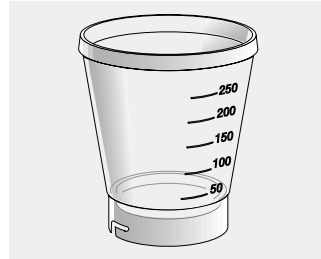




sartorius

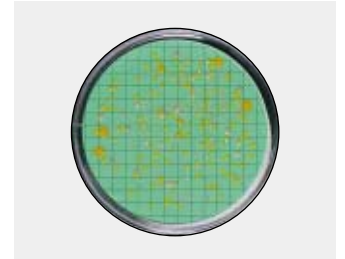
## The New Lab Assistants ...

### Microbiological Testing



#### BioSart 250 Funnels

These sterile, 250-ml plastic funnels for a single use save time during microbiological testing in the QC laboratory. The reason: they eliminate the sanitization step by flaming or hot-water flushing required for re-usable stainless steel funnels after each sample. BioSart 250 Funnels have been tested and certified as sterile, ensuring the reliability of your results by minimizing the risk of contamination during handling. The funnels are user-friendly – they completely eliminate the need for handling hot stainless steel funnels!

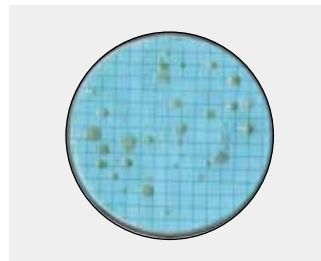


#### Yeast extract NPS

This medium is used for the determination of the CFU count in water for the human use, water in container or bottles for the human use and mineral water, acc. to TVO and ISO 6222.

#### Incubation:

$44 \pm 4$  h at  $36^\circ\text{C} \pm 2^\circ\text{C}$  and  
 $68 \pm 4$  h at  $22^\circ\text{C} \pm 2^\circ\text{C}$ .



#### R2A NPS

R2A is a low-nutrient medium in the form of Nutrient Pad Sets (NPS). These NPS are formulated for determination of the CFU count in process water used in pharmaceutical production facilities. Process water, such as RO water, cooling water for autoclaves, etc., has a low nutrient content, frequently resulting in the growth of a specific microbial flora adapted to this environment. The R2A culture medium specifically promotes the growth of such microorganisms, thus increasing the accuracy of their detection.



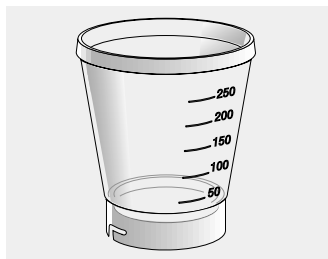
#### Dosing Syringe

Utilized in combination with a Sartorius Minisart filter unit, the user-friendly Dosing Syringe is designed for fast and easy dispensing of sterile water to wet Nutrient Pads. The construction of the Dosing Syringe allows repeated, fatigue-free pump action.

Moreover, the Minisart filter unit reliably eliminates the possibility of non-sterile water contaminating the Pad Set during wetting, the major cause of false negative results.

## The New Experts from Sartorius

BioSart 250 Funnels, Yeast extract NPS, R2A NPS and the Dosing Syringe make your lab work more effective, more reliable and easier, especially in the critical pharmaceutical sector.

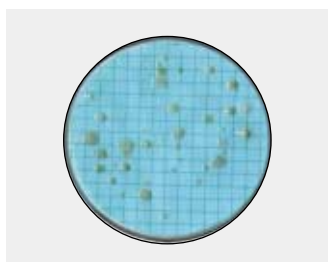


### BioSart 250 Funnels

These sterile disposable funnels, for vacuum filtration with a Sartorius membrane filter, fit perfectly on Sartorius vacuum manifolds and filter holders. Each funnel is made from a polypropylene material which has enough elasticity to ensure optimal sealing with a bayonet-type closure. Graduations are marked at 50, 100, 150 and 200 ml, for dosing sample volumes with sufficient accuracy.

BioSart 250 Funnel	16407--25 ALK	50 sterile funnels in 4 sealed bags
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BioSart 250 Funnel	16407--25 ACK	50 sterile, individually packed disposable funnels
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### R2A Nutrient Pad Sets (NPS)

The optimal culture medium for bacteria which have adapted to the particular living conditions of water low in nutrients. These fastidious organisms find optimal growth conditions on R2A. It delays the growth of common quick-growing bacteria, promoting the growth of stressed and chlorine-tolerant microorganisms found in treated water. R2A increase the accuracy of detection.

R2A NPS	14084--47 N	100 sterile NPS with 0.45 µm green filters, Ø 47 mm
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R2A NPS	14084--50 N	100 sterile NPS with 0.45 µm green filters, Ø 50 mm
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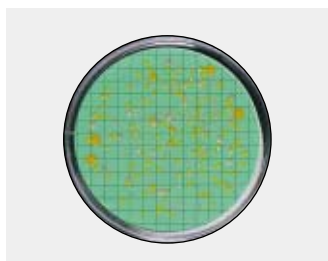


### Dosing Syringe

This new Dosing Syringe, with a dispensing volume which is continuously adjustable between 0.5 and 5.0 ml, is ideally suited for wetting Nutrient Pads with sterile water. In combination with a 0.2 µm Minisart sterile filter unit, it minimizes the risk of contamination of Nutrient Pads during sample preparation, and reduces the time required to wet Nutrient Pads.

Dosing Syringe	16685-----2	
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Minisart	17597 K	50 sterile, individually packed 0.2 µm filter units with Luer slip outlet
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### Yeast extract Nutrient Pad Sets (NPS)

According to the TVO and ISO 6222 this Yeast extract-peptone medium is used for total colony count in water.

Yeast extract	14090--50 N	100 sterile NPS with 0.45 µm green filters, Ø 50 mm
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