

Information about the new coated slide for the particle sampler PS30



This is new:

- ▶ Shelf life of 2 years after production
- ▶ Every slide has its own unique identity number
- ▶ Can also be used in temperatures far below 0 °C
- ▶ The coating is water resistant
- ▶ Handling is even easier



The details can be found on the next pages

Handling of the New Coated Slide Is Easy



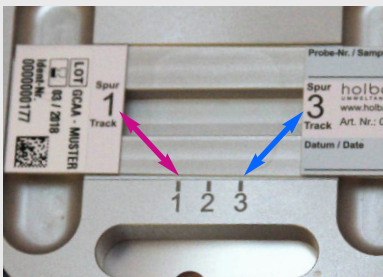
The slides can be separated individually because of the double welding seams in the film tubing.



After taking the new shipping container out of the film tubing, it is opened by lifting the cap on one side.



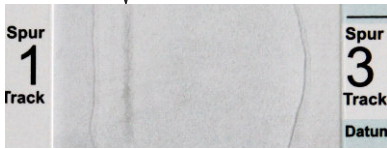
The slide can be easily pulled out of the container after opening.



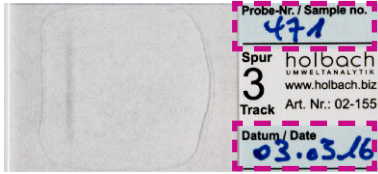
Place the slide into the slide holder of **PS30** as usual:

Track 1 matching **label 1** and
Track 3 matching **label 3**

Track 1 is used here



The three tracks of the new coated slide are indicated by labels on both sides of the coating.

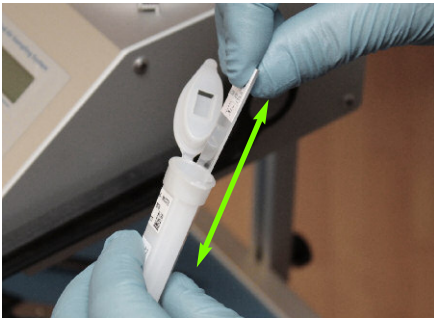


Every slide can be identified by a unique number.

Additionally, two fields for your own labelling are present, as before.

Pay attention that the slide is inserted straightly when packaging the slide again. If it is tilted too much, the coating may be damaged on the edges.

Right:



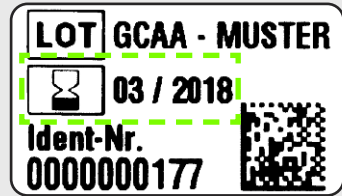
Wrong:



The Changes in Detail

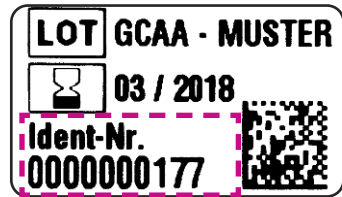
Shelf Life

The shelf life of the new coated slide is **2 years** after production.



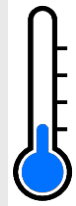
Identifiability

The slides and the shipping container are both identified by a label containing a unique identity number. The information on the label are also present in the DataMatrix code. This way, an automatic identification is possible.



Extended Range of Application

The new coating also allows for operation in a wider temperature range: Samplings with temperatures from -30 °C up to $+50\text{ °C}$ are possible.



Besides, the coating is inert and therefore not influenced by humidity. Automated analytic methods with colorings or processing with buffer solutions are possible.

Further notes

- ▶ One packaging unit contains 5 coated slides
- ▶ The new coated slide has been validated
- ▶ The maximum width for cover glasses is 32 mm
- ▶ The new slide is available as of April 2016 with article number 02-155
- ▶ The new slide will replace the previous slide with article number 02-150.1E