

# NiloBlock 14S



## A new warming block concept for oocyte retrieval

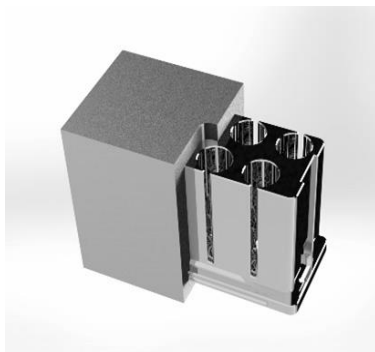
A new insulated Warming Block which brings optimal temperature stability to test tubes. This newly developed concept allows visual inspection of tube content with minimal heat loss. NiloBlock can be used with standard warming surfaces and compatible Block Warmers.

Order Number: 110S002



### Made from one solid block

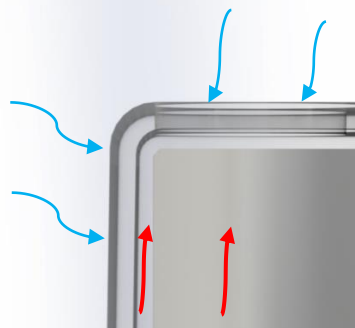
In each tube compartment, the bottom is rounded for optimal heat transfer.



Special surface treatment minimizes radiation of heat to the surroundings.

### The important insulation

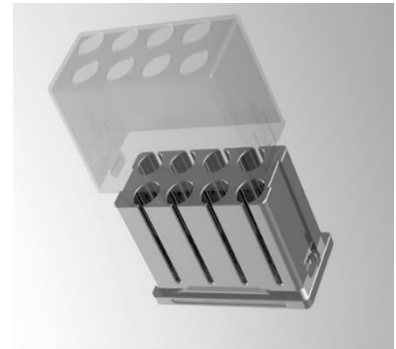
Block and Tubes are thermally insulated from the outside by a thin layer of air between block and cover. The insulation ensures a uniform temperature throughout the tubes.



NiloBlock 14S is an optimal choice for use in **Flow cabinets**.

### Smart Cover

The transparent cover allows visualization of content in the tubes. Very important during Oocyte retrieval. The cover easily snaps on and off for cleaning.

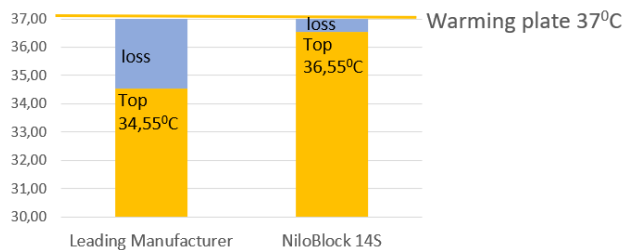


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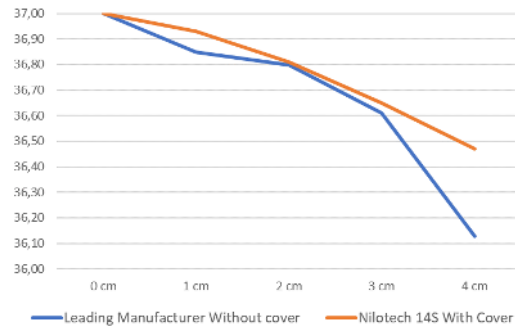
## Performance:

An indicator of the blocks ability to maintain the heat, is to measure at the top of the block. Here is a comparison of a leading manufacturer's block and NiloBlock 14S.



The isolation cover gives a significantly less heat-loss. This is clearly shown by the blue areas.  
(Room temperature 21°C)

For the best conditions, the temperature inside the tube must be as uniform as possible. This graph shows the temperature change inside the tube in a standard block and the NiloBlock 14S. Both tubes are 37°C in the bottom.



Notice how the temperature drops significantly in a standard block compared to the NiloBlock 14S.  
(Room temperature 21°C)

## Data

### Materials:

Block: Anodized aluminum  
Cover: Polycarbonate  
Weight: 630g  
Origin: Denmark

### Cleaning:

Block: handwash and/or autoclave  
Cover: handwash or machine wash  
(max 70°C)

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