



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Multi thawing station

Speed up sample processing & minimise data variability

Part No.	Product name
702003	Multi thawing station - Ambient
702004	Multi thawing station - Heated



Fast results

Highly uniform frozen sample thawing ensuring reproducible results. Thaw up to 1000 samples in 9 minutes.

Heated model

Combines a 600W heating module with 7 turbo fans. Suitable for samples with large molecule compounds & high melt carriers.

Easy to use

Pre-calibrated & only one switch operation.

Safe ambient thawing

Ambient air is circulated by 7 powerful fans for fast consistent thawing of all frozen sample types.

Flexible

Suitable for 96 well assay plates & racked tubes. Accessory racks are available for most non-SBS tube types.

Integration friendly

Features a remote I/O for simple integration with automation.

Accelerate sample thawing

Rapidly thaw samples to equilibrium with a thawing station

Multi thawing station - Ambient

Ambient air convection allows for rapid thawing of samples with no excess heat input. By maintaining a steady thermal gradient between the samples & the ambient environment they are quickly brought to equilibrium. This thermodynamic action is highly effective, reproducible & safe for any sample. Significantly reducing sample thawing times compared to benchtop thawing.

Thaw times from -20°C to ice free samples 11 racks with tubes filled with water

Tube & cap type (96 tubes in SBS format racks)	Sample volume	Time to thaw on the bench at room temperature	Time to thaw on the multi thawing station - Ambient	Reduction in thaw time
1.4ml tubes with screw caps	800ul	177 min	19 min	89%
1.4ml tubes with screw caps	700ul	150 min	17 min	89%
1.4ml tubes with screw caps	600ul	131 min	12 min	91%
1.4ml tubes with screw caps	400ul	108 min	11 min	90%

Multi thawing station - Heated

Large molecule compounds & high melt carriers, such as DMSO, suffer from long thaw times under ambient conditions. The multi thawing station - Heated includes a heating system combined with 7 turbo fans. The result is thawing times never before possible for these types of molecules and reagents.

Thaw times from -20°C to ice free samples 11 racks with tubes filled with DMSO

Tube & cap type (96 tubes in SBS format racks)WW	Sample volume	Time to thaw on the bench at room temperature	Time to thaw on the multi thawing station - Heated	Reduction in thaw time
1.4ml tubes with septum caps	700ul	210 min	14 min	93%
1.4ml tubes with screw caps	700ul	160 min	18 min	89%
Acoustic tubes	70ul	35 min	9 min	74%