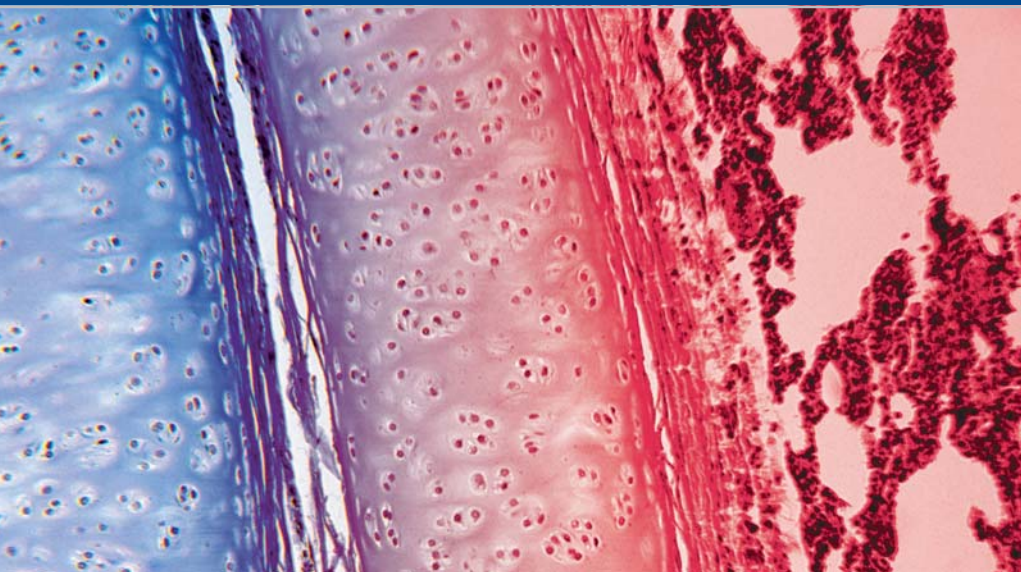


Thriller® Thermoshaker-Incubator

The Thriller® thermoshaker-incubator combines sample shaking and incubating for a wide range of modern molecular biology and biochemistry sample preparation and incubation protocols.



Description

Shaking and incubation steps occur in almost all molecular biology and biochemistry method protocols. The Thriller® is an instrument dedicated to fulfilling these requirements at maximum effectivity.

Similar to the design of thermal cyclers, the Thriller® uses a robust peltier based heating and cooling system to generate a wide temperature range – enabling sample cooling in addition to heating. Effective sample mixing is realised by a maximum rotation frequency of 1500 rpm.

The Thriller® is also designed for versatility, accommodating all commonly used reaction vessels including PCR tubes, strips and plates.

Features

- High heating and cooling rates
- Cooling down to 4 °C (at 20 °C ambient temperature) and up to 99 °C
- Intensive shaking up to 1500 rpm
- Microprocessor-controlled temperature adjustment for maximum accuracy
- Method Programming: 9 programs with 9 steps for complex incubation sequences
- Interval Programming: Alternate shaking and non-shaking steps
- Direct Operation Program for immediate use
- Programmed Sample Cooling to 4 °C after incubation
- Short Mix Function for quick mixing without incubation
- Robust construction, metal chassis
- Available with four different thermoblocks

Applications

The Thriller® can be used for a wide range of sample preparations and incubations such as restriction digests, ligations, PCR sample preparations, cell lyses, DNA and protein preparations, HPLC and GC sample preparations and many more.

Thanks to the efficient peltier cooling system and advanced programming options, incubations can be run overnight with the samples being cooled down for storage after the incubation time has elapsed.

peqlab

Creating the future together.

Our Pledge

Our pledge is to provide excellent products at a fair price and to support our customers with a dedicated and experienced staff.



Technical specifications

Temperature Range:	4 °C (at 20 °C ambient) to 99 °C in 1 °C steps
Temperature Accuracy:	± 0.5 °C
Heating Rate:	approx. 5 °C/min
Cooling Rate:	4 °C/min (99 °C - 20 °C) 1 °C/min (20 °C - 4 °C)
Mix Intensity:	0.5 ml block: 300 - 1500 rpm 1.5 ml and 2.0 ml blocks: 300 - 1400 rpm 0.2 ml block: 300 - 1400 rpm
Mixing Amplitude:	3 mm
Programming:	9 programs with 9 steps, respectively (P 1 - 9) 1 Direct Operation Program (P 0)
Maximum Mix/Pause Time:	99 h 59 min
Power Supply:	230 V/110 V, 50 - 60 Hz
Power Consumption:	125 W
Max. Humidity:	70 % relative humidity
Operating Temperature:	4 °C - 35 °C
Outer Dimensions:	19 cm x 19 cm x 32.5 cm
Weight:	5.9 kg (block included)

Ordering Information

Item	Description	Product Code
Thriller®	thermoshaker-incubator	91-7010
	110 V version for USA	91-7010-US
Exchange Blocks (cover included)	for 24 x 0.5 ml tubes	91-7110
	for 24 x 1.5 ml tubes	91-7111
	for 24 x 2.0 ml tubes	91-7112
	for 96 x 0.2 ml tubes	91-7113