

JDS - Thermoblocks

Thermoblocks allow the incubation of samples under conditions of total and precise control of temperature thus, being very useful in molecular biology and genetics for DNA sample analysis, extraction of lipids and

other cellular components, denaturalization of proteins previous to electrophoresis, PCR amplification, etc.

Features:

- 1| All thermoblocks are supplied without metallic block allowing each user to make up the equipment according to its own necessities. For this purpose, there are available metallic blocks with different capacities (see accessories) easily interchangeable and very simple to clean and sterilize.
- 2| Large digital display that shows simultaneously the different parameters of the experiment (programmed and actual time, incubation temperature and shaking temperature, depending on the model).
- 3| Over heating protection device offers ensures safety and reliability.
- 4| Temperature can be calibrated to adapt to user necessities.
- 5| Acoustic signal at the end of the selected operation program.

Thermoblock, model 603/3



- 1| Compact and microprocessor controlled model for heating and incubating samples at stable and precise temperatures for adjustable periods of time.
- 2| Available in different blocks (not included), to cover a wide range of tubes (from 0,2 mL to 1,5 mL).

Code	JDS002
Temperature range	RT+5 °C to 100 °C
Temperature accuracy	≤ ± 0.5 °C
Display resolution	0.1 °C
Heating time (from 20 °C to 100 °C)	≤ 25 min
Timer	1 min – 99 h 59 min
Capacity	According to block (not included)
Working conditions	5-30 °C / RH ≤ 70%
Power	AC 220 V, 50/60 Hz, 150 W
Dimensions	225x160x197 mm
Weight	3 Kg

Thermoblock, model 603/10



- 1| Excellent temperature accuracy and uniformity in the whole block.
- 2| Available in different blocks (not included), to cover a wide range of tubes (from 0,2 mL to 2 mL).

Code	JDS003
Temperature range	RT+5 °C to 100 °C
Temperature accuracy	± 0.5 °C
Display resolution	0.1 °C
Heating time (from 20 °C to 100 °C)	12 min
Timer	1 min – 99 h 59 min
Capacity	According to block (not included)
Working conditions	5-30 °C / RH ≤ 70%
Power	AC 220 V, 50/60 Hz, 150 W
Dimensions	300x210x180 mm
Weight	2.5 Kg



JDS - Thermoblocks

► Refrigerated thermoblock, model 603/20

- 1 | This model allows not only heating but also cooling samples down to -10 °C.
- 2 | Excellent temperature accuracy and uniformity in the whole block.
- 3 | Available in different blocks (not included), to cover a wide range of tubes (from 0,2 mL to 2 mL).

Code	JDS004
Temperature range	-10 °C to 100 °C
Temperature accuracy	± 0.5 °C
Display resolution	0.1 °C
Heating time (from 20 °C to 100 °C)	≤ 20 min
Cooling time (from 20 °C to -10 °C)	≤ 30 min (if RT is 25 °C)
Timer	1 min – 99 h 59 min
Capacity	According to block (not included)
Working conditions	5-30 °C / RH ≤ 70%
Power	AC 220 V, 50/60 Hz, 150 W
Dimensions	300x210x180 mm
Weight	4.6 Kg



► Thermoshaker, model 603/100

- 1 | To heat and shake samples at the same time.
- 2 | The equipment can also be independently used as a shaker or dry bath.
- 3 | Available in different blocks (not included), to cover a wide range of tubes (from 0,2 mL to 2 mL).

Code	JDS005
Temperature range	RT+5 °C to 100 °C
Temperature accuracy	< ± 0.5 °C
Display resolution	0.1 °C
Heating time (from 20 °C to 100 °C)	< 20 min
Shaking speed	200-1500 rpm
Shaking orbit	2 mm
Timer	1 min – 99 h 59 min
Capacity	According to block (not included)
Working conditions	5-30 °C / RH ≤ 70%
Power	AC 220 V, 50/60 Hz, 150 W
Dimensions	354x240x170 mm
Weight	5.5 Kg



JDS - Thermoblocks

Thermoshaker, model 603/104



1 | With a maximum capacity of 4 microtiter plates it is very useful in ELISA assays or those applications where standard 96 well plates are needed.

Code	JDS006
Temperature range	RT+5 °C to 60 °C
Temperature accuracy	± 0.5 °C
Display resolution	0.1 °C
Tiempo calentamiento (from 20 °C to 100 °C)	< 25 min
Shaking speed	100-1200 rpm
Shaking orbit	2 mm
Timer	1 min – 99 h 59 min
Capacity	4 microtiter plates
Working conditions	5-30 °C / RH ≤ 70%
Power	AC 220 V, 50/60 Hz, 150 W
Dimensions	385x395x190 mm
Weight	9.5 Kg

JDV - Accessories

Metal blocks for models 603/3



CODE:JDV012



CODE:JDV013



CODE:JDV014



CODE:JDV015



REF:JDV016

1 | Blocks (not included).

Code	Capacity
JDV012	96 tubes of 0.2 mL
JDV013	29 tubes of 0.5 mL 32 tubes of 1.5 mL
JDV014	61 tubes of 0.5 mL
JDV015	41 tubes of 1.5 mL
JDV016	28 tubes of 12 mm Ø

JDV - Accesories

► Metal blocks for models 603/10, 603/20 and 603/100

Code	Capacity
JDV008	96 microtubes of 0.2 mL
JDV009	54 microtubes of 0.5 mL
JDV010	35 microtubes of 1.5 mL
JDV011	35 microtubes of 2 mL

