



CH 3-150, Heating and cooling thermostat, Combitherm-2

Combined cold / heating thermostat with two individually adjustable blocks for microtubes, tubes and containers.

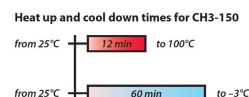
Blocks not included



Product codes:

Reference: BS-010418-AAA

Product gallery:



Product description:

Combitherm-2 **CH 3-150** is specially designed to thermostabilise materials at temperatures from -3°C to $+150^{\circ}\text{C}$ according to methods of analysis. To obtain useful functionality and decrease foot-print of instruments Combitherm-2 consists of 2 independent cooling and heating plug-in thermoblocks combined in a common electronic circuit board as well as inside a common external body. The left part of the front keyboard is responsible for setting parameters for cooling plug-in blocks and the right part — for heating plug-in blocks. Both of them are regulated independently and can realize up to 16 programs including temperature and time in each program. Peltier technology is used for cooling below room temperature; PCB is used for heating till $+150^{\circ}\text{C}$.

Separation of cooling and heating parts from each other increases durability of the instrument and speed of temperature changing after setting a new program.

Different block types can be provided on request



Specification

Heating block Temperature setting range	+25°C ... +150°C
Heating block Temperature control range	5°C above ambient ... +150°C
Heating block Setting resolution	1°C
Heating block Stability	±0.1°C
Temperature calibration coefficient range	0.936...1.063 (± 0.063)
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Cooling block Temperature setting range	-3°C ... +20°C
Cooling block Temperature control range	23°C below ambient ... 5°C below ambient
Cooling block Setting resolution	0.1°C
Cooling block Stability	±0.1°C
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Digital time setting	1 min–99 hrs 59 min (increment 1 min)
User adjustable programs (temperature and time)	16 (heating) + 16 (cooling)
Display	LCD
Overall dimensions (WxDxH)	295?285?220 mm
Weight	5.6 kg
Power supply	230 V, 50/60 Hz
Input current/power consumption	1.8 A / 430W

Product features:

- TBH - TIPO DE: calentador con refrigeración
- TBH - No hay BLOQUES: 2 independientes
- TBH - CON REFRIGERACIÓN: uested
- TBH - TEMPERATURA MÁXIMA: +150°C / +20°C
- TBH - MÍNIMO DE AJUSTE DE LA TEMPERATURA: +25°C / -3°C
- TBH - LA TEMPERATURA MÍNIMA LLEGÓ A: 5 °C / 25°C sotto temp. ambiente
- TBH - POTENCIA DE CALEFACCIÓN: 500W
- TBH - PRECISIÓN: 0,1°C
- TBH - UNIFORMIDAD: 0,1°C
- TBH - PANTALLA: LCD
- TBH - TEMPORIZADOR: da 1m a 99h



TBH - PROGRAMAS: 16 de calefacción / refrigeración

TBH - AUTONOMÍA: nd

TBH - CUMPLIMIENTO: CE

TBH - GRATIS: no

TBH - BLOQUE INDEPENDIENTE: usted

TBH - ACCESORIOS INCLUIDOS: tapas

TBH - ACCESORIOS OPCIONALES: bloques de diferentes tamaños

TBH - PODER: 230 V 50/60 Hz

TBH - GARANTÍA: 12 meses por defectos de fabricación

TBH - TAMAÑO: 295?285?220 mm

TBH - PESO: 5.6kg

TBH - CARACTERÍSTICAS: dos bloques, uno calefacción de +25 a +150°C , y el otro para la refrigeración y -3°C a +20°C

TBH - PARA SER UTILIZADO CON: microtubos de 1,5 ml

TBH - PARA SER UTILIZADO CON: tubos de ensayo, Ø16mm

TBH - PARA SER UTILIZADO CON: tubos de ensayo, Ø25mm

TBH - PARA SER UTILIZADO CON: tubos de 50mm