



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

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

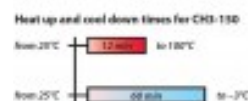
Blocks not included



Codes produits :

Référence BS-010418-AAA

Galerie de produits :



Description du produit :

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 $\pm 0.1^\circ\text{C}$ Temperature calibration coefficient range 0.936...1.063 (± 0.063) --- --- 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 $\pm 0.1^\circ\text{C}$ ---- ---- 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

caractéristiques du produit :

TBH - TYPE: radiateur de refroidissement
TBH - Pas de BLOCS: 2 indépendants
TBH - AVEC REFROIDISSEMENT: vous
TBH - TEMPÉRATURE MAXIMUM DE: +150°C / +20°C
TBH - MINIMUM DE TEMPÉRATURE: +25°C / -3°C
TBH - LA TEMPÉRATURE MINIMALE ATTEINTE: 5 °C / 25°C sotto temp. ambiente
TBH - PUISSANCE DE CHAUFFAGE: 500W
TBH - PRÉCISION: 0,1°C
TBH - UNIFORMITÉ: 0,1°C
TBH - AFFICHAGE: LCD
TBH - TIMER: da 1m a 99h
TBH - PROGRAMMES: 16 chauffage / refroidissement
TBH - AUTONOMIE: nd
TBH - CONFORMITÉ: CE
TBH - GRATUIT: pas de
TBH - BLOC INDÉPENDANT: vous
TBH - ACCESSOIRES INCLUS: couvercles
TBH - ACCESSOIRES EN OPTION: des blocs de différentes tailles
TBH - PUISSANCE: 230 V 50/60 Hz
TBH - GARANTIE: 12 mois sur les défauts de fabrication
TBH - TAILLE: 295?285?220 mm
TBH - POIDS: 5.6kg
TBH - CARACTÉRISTIQUES: deux blocs, l'un chauffage de +25 à +150°C , et l'autre pour le refroidissement et -3°C à +20°C
TBH - POUR ÊTRE UTILISÉ AVEC: microtubes de 1,5 ml
TBH - POUR ÊTRE UTILISÉ AVEC: tubes à essai, 16mm
TBH - POUR ÊTRE UTILISÉ AVEC: tubes à essai, Ø25mm
TBH - POUR ÊTRE UTILISÉ AVEC: les tubes de 50mm