

# SINGLE CHANNEL THERMOELECTRIC ASSEMBLY

VTM100-SC

We offer high performance thermoelectric assembly that is suitable for both thermal cycling and isothermal applications.



High Performance



Temperature Sensors



Easy To Customize

## ABOUT OUR PRODUCT

VTM100 is built based on a deep know-how assembly process using quality components and materials to ensure consistency and long-lasting performance.

## Features

- High performance with superior accuracy and uniformity
- Includes a Peltier and 5 temperature probe sensors
- Easy customization by replacing removable top plate
- Supports thermal block temperature range of 4-100°C
- Suitable for both thermal cycling and isothermal applications

## Specifications

Temperature Range	4-100°C
Temperature Accuracy	±0.15°C
Temperature Uniformity (max-min)	0.3°C
Maximum Heating Rate	4°C/sec
Maximum Cooling Rate	3°C/sec
Peltiers	1x
Temperature Probe Sensors	1x PT1000 + 4x NTC (1x for ambience, 1x for heat sink, 2x embedded in thermal block plate)
Thermal Block Format	Flat Block
Dimension, WxDxH, mm	100 x 120.4 x 105.7

**VBMB PTE LTD (V-BMB)**

All product specifications are subject to change without notice. Last updated: NOV-2024  
Copyright © 2024 VBMB Pte Ltd. All rights reserved.  
No part of this document may be photocopied, reproduced, or translated to another language without the prior written permission of VBMB Pte Ltd.



Website: [v-bmb.com](https://v-bmb.com)  
Email: [sales@v-bmb.com](mailto:sales@v-bmb.com)  
E-Shop: [shop.v-bmb.com](https://shop.v-bmb.com)  
LinkedIn: [www.linkedin.com/company/v-bmb/](https://www.linkedin.com/company/v-bmb/)