VECTOR
SCIENTIFIC TESTING DEVICES

HOT PLATE

Enhance your laboratory's capabilities with our high-quality Hot Plate, a fundamental device designed for the precise heating and boiling of liquids across various industries such as textiles, medicine, food, pharmaceuticals, and chemistry. Available in two different sizes, this hot plate is essential for laboratories requiring reliable and consistent temperature control.

VTR 13-013

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Vector Hot Plate

Precise Temperature Control

Overview

The hot plate offers accurate heating from +10 °C to 300 °C, catering to a wide range of laboratory applications. Temperature control is managed via an analog thermostat, with an option for a digital thermostat for even greater precision. This flexibility ensures you can maintain the exact temperature required for your specific processes.

Constructed with a Teflon-coated cast iron heating plate, the device ensures rapid and uniform heat distribution. Internal resistors embedded within the heater plate block provide homogeneous heating in a short time. A reflector beneath the resistors prevents heat from transferring to the lower section, enhancing efficiency and safety.

The hot plate features a robust exterior made of powder-coated steel, ensuring durability and resistance to laboratory conditions. Its four sturdy feet provide stability on laboratory bench tops, offering convenience during operation. The compact size, including the 40 × 40 cm model, makes it suitable for laboratories with limited space without compromising performance.

Our hot plate is a reliable and essential addition to any laboratory. Its precise temperature control, efficient heat distribution, and durable design meet the demanding needs of modern laboratories. Experience the convenience and reliability of this top-quality device and streamline your laboratory processes.

Applications:

Chemical Reactions: Ideal for heating reagents and maintaining consistent temperatures during experiments.
Sample Preparation: Useful in preparing samples that require precise heating or boiling.
Quality Control Testing: Assists in processes needing controlled heating conditions for accurate results.
Gene ral Laboratory Use: Suitable for a wide range of heating applications in various laboratory settings.

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Key Features:

Wide Temperature Range: Heat liquids from +10 °C to 300 °C, suitable for various laboratory applications.
Flexible Temperature Control: Equipped with an analog thermostat, with an optional digital thermostat for precise adjustments.
High-Quality Heating Surface: Teflon-coated cast iron plate ensures fast and even heat distribution.
Efficient Heating Elements: Internal resistors provide homogeneous heat quickly, improving process efficiency.
Safety Features: Reflector under the resistors prevents heat from affecting the lower sections, ensuring user safety.
Durable Construction: Powder-coated steel exterior withstands rigorous laboratory environments.
Stable Design: Four sturdy feet offer stability on bench tops, preventing accidental spills or accidents.
Compact and Versatile: Available in different sizes to meet specific laboratory needs.

TECHNICAL SPECIFICATION

Mode	VTR 13-013-30	VTR 13-013-40
Temperature Working Range	+10°C / +300°C	
Contro/ System	Digital Thermostat	
Temperature Reading Sensitivity	± 1 °C	
Temperature Sensitivity	± 10 °C	
Plate Sizes cm	30 x 30	40 x 40
Plate Structure	Tefion Coating on Peak Casting	
Outer Surface Structure	Electrostatic Powder Painted DKP Steel	
External Dimensions cm	30x30x50	40x40x60
Installed Power	2000 W	3000 W
Safety System	Gas-Expanded Analog Thermostat	
Power Values	200 V 50	