

# HOT AIR OVEN & STERILIZER

## VITATHERM HV



# Hot Air Oven

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### OVERVIEW

VITATHERM HV Hot Air oven & sterilizer offer very precise, constant temperature Reliable technology offers outstanding temperature accuracy to give this new generation Hot Air oven real appeal. Accurate drying, heating, ageing, burn-in and hardening in research science, industry and quality assurance

### Features & Benefits

- User Friendly
- Air jacketed heating system for remarkably precise and persistent temperatures
- Temperature range: Ambient Temperature +5°C to 250°C
- Standardized temperature distribution by natural air convection
- Least turbulence and no cross contamination
- Triple insulation comprising of aluminium layer glass wool, & air gap for extraordinary effectiveness
- Interior Stainless-steel chamber having smooth surfaces for easy cleaning and decontamination
- Inner glass door for viewing of the samples without any temperature Fluctuation
- PID microprocessor control system
- LED displays for temperature and time
- Programmable delayed start function
- Highly visible dual displays for temperature and time
- Adjustable safety thermostat



# TECHNICAL PARAMETERS

| MODEL  | VITATHERM HV                             |
|--|--|
| TEMP RANGE                                     | AMBIENT TEMP +5°C/250°C                  |
| TEMP SENSOR                                    | FE-CONST                                 |
| CONTROL SYSTEM                                 | PROGRAMMABLE MICROPROCESSOR              |
| TEMPERATURE SET AND DISPLAY SENSITIVITY        | 1°C                                      |
| TEMP VARIATION (100°C - 150°C)                 | ±2°C                                     |
| TEMP FLUCTUATION                               | ±1°C                                     |
| PROGRAMMABLE ALRAM LIMITS                      | ±2°C / 10°C                              |
| TIMER  | 1 MINUTE - 99,9 HOURS + HOLD POSITION    |
| DELAYED START TIMER                            | 1 MINUTE - 99,9 HOURS                    |
| SELECTABLE RECORDING FREQUENCY ON MEMORY STICK | 10 OR 30 SECONDS, 1, 5, 30 OR 60 MINUTES |
| USEFUL VOLUME, LITRES                          | 110                                      |
| NUMBER OF SHELVES (STANDARDMAX)                | 2/10                                     |
| INTERNAL MATERIAL                              | STAINLESS STEEL                          |
| EXTERNAL METERIAL                              | EPOXY - POLYESTER POWDER COATED STEEL    |
| POWER CONSUMPTION                              | 1550 W                                   |
| POWER SUPPLY                                   | 230 V, 50/60 Hz                          |
| INTERNAL DIMENSIONS (WxDxH) mm                 | 500 x 445 x 500                          |
| INTERNAL DIMENSIONS (WxDxH) mm                 | 785 x 665 x 680                          |
| INTERNAL DIMENSIONS (WxDxH) mm                 | 870 x 740 x 860                          |
| NET / PACKED WEIGHT KG                         | 66 / 74                                  |

## ACCESSORIES

|         |                 |
|---------|-----------------|
| V01 011 | Aluminium Shelf |
| V01 012 | Mesh type Shelf |
| V01 013 | Shelf Career    |



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