

HIGHT TEMPERATURE STEAMER TYPE «GD»

Steaming of Fabrics and Carpets

The HT Steamer Type «GD» is especially suitable for steaming all types of printed fabrics, dyed carpets and other materials in 100° C saturated steam or superheated steam at up to a temperature of 200° C.

The «GD» is suitable for recipe processing, both in production plants and for research in the chemical and dye industry, and can be used as an extension of your laboratory.



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Specific characteristics

Sample size

The samples are pinned onto two needle rails connected to the transport chain. Samples of any size up to the maximum dimensions 70 x 150 cm can be treated. Multiple smaller samples can be steamed using two additional needle rails.

Carpet samples

Pin plates with extended needles are available for stretching carpet samples. Rails with clamps are available for material which is difficult to pin.

Footboard

The footboard mounted in front of the steamer serves as a protection device. The sample cannot be fed into the «GD» until the operator has secured the sample and then stepped away from the footboard. It can also only be removed if the footboard is clear.

Steaming process

The sample is transported through the infeed and discharge automatically. Throughout the entire dwell time, the sample is moved backwards and forwards (oscillated) in the steamer. This allows, for example, the amount of liquor lost during carpet steaming to be reduced to a minimum.

Control

The process data is input on the «UNIVISION» controller. The programmable «UNIVISION Touch» process controller is optimally designed to meet the requirements of its users and the functions of the «GD». It is possible to connect the «UNIVISION Touch» to a LAN network with an Ethernet interface TCP/IP connection.

Design

Good heat insulation is guaranteed thanks to the double-wall design with insulation in between. The steamer's internal parts are all manufactured from 316 stainless steel.

The ceiling is tilted and equipped with a heater. A second heater is located at the inlet slot to prevent drop formation.

Options

- Additional needle rails
- Needle rails with long needles
- Rails with clamps
- e-control for 10 - 40 % moisture
- Electric steam generator
- Type 1000 for larger samples up to 100 x 150 cm



The pin rail can be attached to the transport chain according to the sample



Superheater for temperatures up to 200° C



Illuminated side window for observing the steaming process

Technical information

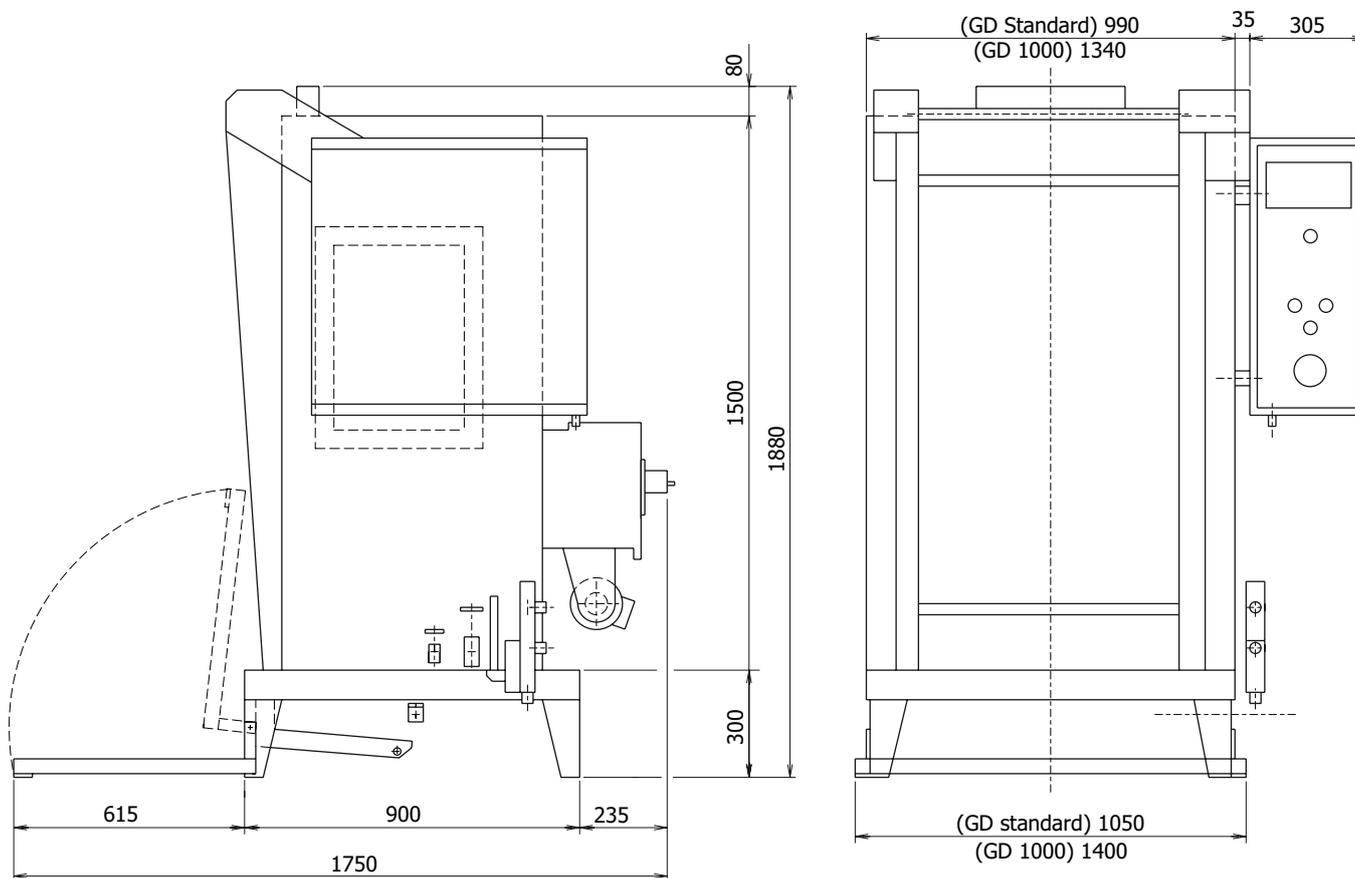
Temperature range:	20 - 200° C
Moisture regulation:	40 - 100 % absolute steam content
Humidity temperature:	0 - 100° C
Dwelling time:	5 s bis 999 min
Steam consumption:	15 - 20 kg/h
Circulation air dryer:	130 - 1400 m ³ /h
Infeed and discharge:	automatic
Infeed speed:	18 m/min
Oscillation interval:	1 - 6 min
Sample size:	approx. 700 x 1500 mm
Weight:	~44 kg

«UNIVISION Touch»

Operating system:	Windows CE
Memory capacity:	128 MB RAM
Touchscreen:	7" TFT
Interfaces:	TCP/IP connection (Ethernet interface), USB



Dimensions



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