

 DecoLine

Genny 1.0

Formaldehyde vapor generator

The Genny generator systems are the first fumigating generators on the market that allow safe and controlled room decontamination with formaldehyde from the outside the room via suitable ventilation systems.

The Genny 1.0 is a small, very powerful formalin generator system. The generator provides **interactive communication (also with third-party systems)**. Thanks to the variably settable volumetric flow rates up to 100 m³/h and the process variety, decontaminations can be realised via nozzle and ventilation systems and over far distances. The generated gas flow can be optional built up "intensively highly concentrated" or „gradually continuous" (= superinduce effect) and can be introduced into the room. This system is suited for efficient decontamination processes and for room volumes of up to 20 m³. Neutralization can be carried out by means of ammonia or by residue-free chemisorption. Large quantities of formalin can be evaporated via an external expanding reservoir.

Ortner Plus

- powerful evaporation module without hot plate concept
- integrated heater module, for example to allow heating of air ducts
- standard digital cycle recording via USB and LAN
- advanced remote control operation
- comprehensive interfaces for system integration and communication to external system control units
- fast operational readiness of the device
- automatic measurement of gas concentration in the room with room clearance
- permanent limit value monitoring
- automatic chart with concentration trends
- suited for controlling synchronized nozzle systems
- user-friendly recipe management
- intuitive user interface
- automatic controlled volumetric flow variable up to 100 m³/h
- particularly maintenance-friendly thanks to:
 - easy access to all important maintenance-relevant components
 - maintenance can be performed by trained qualified personnel of the operator

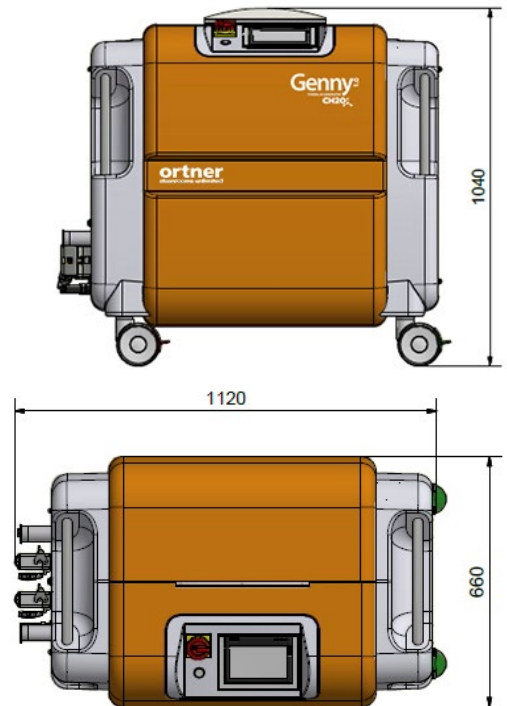
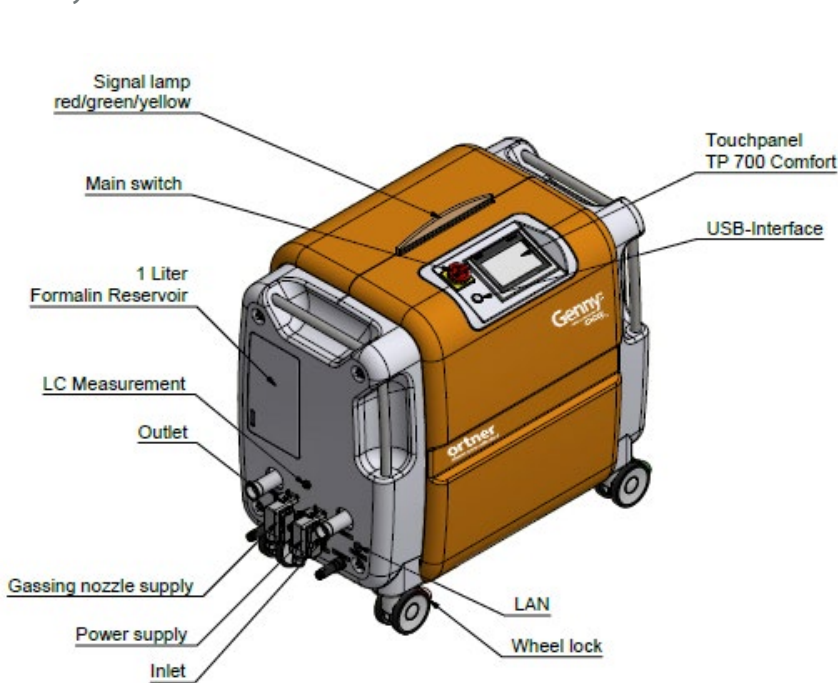




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Operational status of the equipment, all actual values of the sensors, process time, all alarms and the actual cycle time will be provided by the LAN interface. Operators can select and start a cycle external.

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Models Dimensions in mm

Model	Total dimension W x H x D
925-070-000-000-06	1120 x 1040 x 660

Standard hardware interfaces

- LAN
- USB
- start/stop contact
- power supply
- nozzles regulation

Standard external output

- operation
- common alarm
- CH₂O system
- active ventilation

Options

- HC Sensor
- LC Sensor
- fitted gassing nozzle
- comfort display module for remote control via WLAN
- ammonia reservoir 1 litre
- audit trail

System Options*

- externally docked H14 Filter
- chemisorption to neutralisation
- room pressure control
- external reservoir extension

Technical specifications

Casing	plastic (ABS)
Power consumption	3,5 kW / 12,5 A
Voltage	230 VAC or 3 x 400 VAC/50 Hz/N/PE
Fan	electronic speed control
Control panel	Siemens S7 1200
Cycle storage	1-10 (can be extended)
Pump	high precision dosing pump +/- 1%
Life cycle of the pump	10 000 operating hours
Scale range	0 - 1500 g
Signalization	signal light (red/green/yellow)
Injection rate	1-12 g/min
Room temperature	0 - 40 °C
Volume flow	variable up to 100 m ³ /h
Hose connections	DN 32 Tri-Clamp
Touch panel	TP 700 Comfort (colour)
CH₂O Reservoir	up to 1 litre (4 - 12% CH ₂ O)
Max. room size	usable up to 20 m ³
Internal pipeline material	stainless steel
Weight	approx. 130 kg
Swivel casters	swivel casters with directional lock