



Steam-Sterilizator to 140°C

Vertical stand-autoclave with TÜV and CE marking

- One-finger-programming for full automatic program flow
- Combined control of temperature and pressure in saturated atmosphere
- Big display plaintext Display (De, En) as well as gradual displaying of program status
- 10 preset program and user configurable
- Fast cooling and vacuum drying (DVP)
- Steam drying program to 150°C
- Warming process for Agricultural production
- Integrated medium feeler* for sterilization of liquids
- No VE water connection necessary (own circuit)
- Exhaust filter for sterilized filtering of extracted air in heating-up- and sterilization phase (HEPA)
- Lid closure for one-finger-technology
- Exhaust steam capacitor with tank (no smell annoyance)
- Water shortage safety system
- Sheaves
- Validating by TÜV certificated Data-logger



Model: Standard:	CLG-32L	CLG-40M	CLG-40L
With vacuum drying:	CLG-32L DVP	CLG 40MDVP	CLG-40LDVP
▪ Internal dimensions: (Ø. x H)	320x676 cm	400x672 cm	400 x 832 cm
▪ Capacity:	54 L	85 L	105 L
▪ External dimensions: (W x D x H)	550x550x950 cm 550x650x 950 cm	610x650x980 cm 610x750x980 cm	610x650x1140 cm 610x750x1140 cm
▪ Net weight:	65 kg 109 kg	83 kg 127 kg	89 kg 133 kg

*Optional

Dimensions and specifications are subject to change without notice for further improvements on design.
Dimensions may vary dependent on different accessories be used.



Specifications:

Vertical Autoclave **CLG** Series

Model		Standard	CLG-32L	CLG-40M	CLG-40L
		Inc. Vacuumdry.	CLG-32LDVP	CLG-40MDVP	CLG-40LDVP
Intended use	Use	Steam sterilization, warming, dissolution, vacuum drying (- DVP)			
	Heating method	Electrical heater in the chamber			
Operating temp. range	Sterilization	100 °C to 140 °C	100 °C to 140 °C		
	Dissolution		40 °C to 99 °C		
	Warming		40 °C to 60°C		
Maximum operating pressure		2.7 bar	2.5 bar		
Sterilization / Dissolution time		0 min. to 10 h			
Warming time		0 min. to 48 h			
Languages		English / German			
Memorized programs		10 programs available			
DVP models	Vacuum pump	Vacuum pump			
	Heating method	Electrical heater outside chamber			
	Pre-vacuum	Triple pulsed heat up			
	Vacuum drying	Drying with subsequent vacuum			
	Drying temp. range	60 °C to 150 °C			
	Drying time	0 min. until 99 Std.			
	Air filter	HEPA micro cartridge filter			
Protections type		Class I			
Pressure equipm. Directive		Category II	Category III	Category III	
Mark of conformity		CE marking / TÜV Rhineland			
Power requirement		220 / 230 / 240 V, 50 / 60Hz			
Current rating		12 A	18 A	20 A	
		15 A	21 A	23 A	
Heat output		2.6 / 2.8 / 2.9 KW	4.0 / 4.1 / 4.3 KW	4.4 / 4.6 / 4.8 KW	
Material of chamber		Stainless steel SUS304			
Material of enclosure		Powder coated steel / Heat resistant synthetic lid			
Safety	Safety device / Features	Double interlock system, system check of lid close, over pressure detector, over temperature detector, water lack preventor, sensor break indicator, abnormal time indicator, memory of power failure, safety valve, earth leakage breaker			
	Safety valve	2,90 bar	2,70 bar		
	Hydrostatic test	5,38 bar	4,99 bar		
	Pressure gauge	0 to 7 bar			
	Pressure sensor		-1 to 6 bar		
		-1 to 5 bar			
Stand. accessories	Stainless	∅. 300 x 300mm, 2 pcs.	∅. 380 x 300mm, 2 pcs.	∅. 380 x 400mm, 2 pcs.	
	Wire basket	Optional accessories for vacuum models			
	Others	Base plate, drain bottle for standard models, drain hose for vacuum models			
Optional equipment		Sample sensor, printer or TÜV certificated Data-logger			

Modifications to 3-phase available on request for AC 230 V.