



**PREMIUM EQUIPMENT | INSTALLATION & TRAINING | 3 YEAR WARRANTY**

Heidolph North America's goal is to give our customers the ability to focus on their research. Accomplishing this is done largely in part by providing best in class service and support for solution oriented equipment. Heidolph specializes in both benchtop and industrial rotary evaporation, making distillation more efficient, and in turn allowing the researcher's focus to be their research.

Heidolph's product lineup includes a full range of chemistry and biology tools designed to increase lab productivity, including but not limited to overhead stirrers, magnetic stirring hotplates and shakers.

Quality without compromise is Heidolph's commitment to you. All Heidolph equipment is designed and made in Germany, backed by a 3 year warranty, and carries an average 10 year lifespan; making it a worth while investment.





# AUTOCLAVES

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## STERILIZATION UNITS

Now more than ever, it's critical to decontaminate your laboratories' equipment, materials and hazard waste. That's what the Heidolph Tuttnauer Autoclave series is all about.

Our benchtop sterilizers provide a fast, safe, dependable and convenient means of sterilizing liquids, media, instruments, glassware, clothing and waste. The line includes a wide range of models from our economic manually controlled analog models to our electronically controlled models with built-in printers for GLP-compliant documentation.



## LAB LINE "EL" BENCHTOP AUTOCLAVES



Designed to autoclave everything in your lab, including liquids.

- No water utility connections needed, just plug in and add water.
- Stores up to 200 past cycles you can open on your PC
- Four validated cycles (glass, plastic, liquid A and liquid B-waste).
- Create up to 16 custom cycles

Options that are available on all "EL" models include: Warming (95° to 104°C), Isothermal (80° to 94°C), F<sub>0</sub> 21 CFR with R.P.C.R software, Biohazard filter and over pressure (sealed containers).

	2840ELP	3850ELP	3870ELP	5075ELP
<b>Chamber Volume (L)</b>	28	65	85	160
<b>Max Available Height (in)</b>	9"	12"	12"	17"
<b>Power</b>	230V, 1 phase (50/60 Hz)	230V, 1 phase (50/60 Hz)	230V, 3 phase (50/60 Hz)	230V, 3 phase (50/60 Hz)
<b>Utilities</b>	-	-	-	-
<b>P/N</b>	023210671	023210681	023210672	023210675

### Erlenmeyer Flask (ml) Loading Capacity

	250	500	1000	2000	3000	5000
<b>2840</b>	2 x 5	2 x 3	3	1	1	1
<b>3850</b>	2 x 12	2 x 8	1 x 5	1 x 2	1	1
<b>3870</b>	3 x 12	3 x 8	2 x 5	2 x 2	2 x 1	1
<b>5075</b>	3 x 21	3 x 14	3 x 8	2 x 5	2 x 4	1 x 2

### Schott-Duran Flasks (ml) Loading Capacity

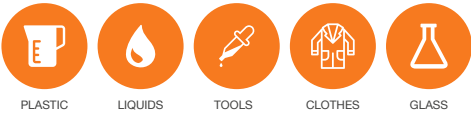
	250	500	1000	2000	3000	5000
<b>2840</b>	2 x 5	2 x 3	3	1	1	1
<b>3850</b>	2 x 12	2 x 8	1 x 5	1 x 2	1	1
<b>3870</b>	3 x 12	3 x 8	2 x 5	2 x 2	2 x 1	1
<b>5075</b>	3 x 21	3 x 14	3 x 8	2 x 5	2 x 4	1 x 2

# LAB LINE “EL” STANDING AUTOCLAVES

Lab Line Autoclaves with Cooling "C", Vacuum Pump "VP" and an integrated steam generator "G"

- Mounted on wheels for easy mobility
- Autoclave chamber is surrounded by coiled jacket
- High volume water-ring vacuum pump

Options that are available on all "EL" models include: Warming (95° to 104°C), Isothermal (80° to 94°C), F, 21 CFR with R.PC.R software, Biohazard filter and over pressure (sealed containers).



	2840ELCPVGP	3870ELCPVGP	5075LCPVGP
Chamber Volume (L)	28	85	160
Max Available Height (in)	9"	12"	17"
Power	230V, 1 phase (50/60 Hz)	230V, 3 phase (50/60 Hz)	230V, 3 phase (50/60 Hz)
Utilities	Treated Water, Tap Water, Compressed Air and Floor Sink		
P/N	023210683	023210678	023260002

## MODEL 3870HSG - WS

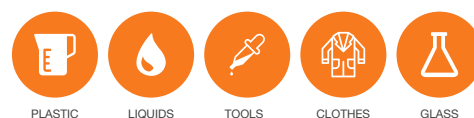
### Independent from Utilities

- Plug & Play - Independent Mode - No need to connect the autoclave to the building utilities for distilled water, tap water and drain
- Water Saving System - Use only 5 liters of water a day
- Sleep Mode - Allows user to set time to switch sterilizer to minimum energy consumption
- Low Rate Cycle - You can run your sterilizer when electrical power costs are low, like after work hours, by setting a delayed start time.

	3870HSG - WS
Chamber Volume (L)	85
Max Available Height (in)	12"
Power	230V, 3 phase (50/60 Hz)
Utilities	None
P/N	023210680

2 YEAR WARRANTY | FREE INTERNAL PRINTER

# LAB LINE VERTICAL AUTOCLAVES



Designed to autoclave everything in your lab, including liquids.

- No utility connections needed (models 2840 ELV) just plug in and add water
- Two integrated temp. probs
- Four validated cycles (glass, plastic, liquid A and liquid B-waster
- Stores up to 200 past cycles you can open on your PC
- Create up to 16 custom cycles

Options that are available on all "EL" models include: Warming (95° to 104°C), Isothermal (80° to 94°C), F<sub>0</sub> 21 CFR with R.PC.R software, Biohazard filter and over pressure (sealed containers).

	2840ELV Mobile	3870ELV Mobile	5075ELV Mobile
Chamber Volume (L)	28	85	160
Max Available Height (in)	15.5"	25"	27"
Power	230V, 1 phase (50/60 Hz)	230V, 3 phase (50/60 Hz)	230V, 3 phase (50/60 Hz)
Utilities	-	-	Treated Water, Tap Water, Compressed Air and Floor Sink
P/N	023210744	023210745	023210900





# ELECTRONIC BENCHTOP AUTOCLAVES

Designed to autoclave wrapped, unwrapped, glass and tools. Not suitable for liquids.

- Sterilization time up to 99 minutes
- Temperature selection from 105° to 137°C (221° to 279°F)
- Pre-loaded cycles for unwrapped instruments, wrapped/ packs, glassware and additional drying cycle.
- Includes trays
- In-line particle filter to protect valves
- Electronic pressure and temperature sensors
- Low Water Alarm - sounds when reservoir needs to be refilled.



- Standby Heating - keeps chamber warm for quicker cycles
- Built In Printer - Provides a printed summary at the end of each cycle, documenting temperature, elapsed sterilization and drying time, selected cycle number, real time and date, as well as any errors or interruptions that may occurred during the cycle.

		2540EAP			
Chamber Volume (L)		23			
Max Available Height (in)		8.3"			
Power		120V			
Utilities		-			
P/N		023210380			

	3545EP	3850EP	3870EP	3870EAP
Chamber Volume (L)	19	23	84	84
Max Available Height (in)	10.1"	12.1"	12.1"	12.1"
Power	230V, 1 phase (50/60 Hz)	230V, 1 phase (50/60 Hz)	230V, 1 phase (50/60 Hz)	230V, 1 phase (50/60 Hz)
Utilities	-	-	-	-
P/N	023210690	023210495	023210569	023210673

2 YEAR WARRANTY | FREE INTERNAL PRINTER

# MANUAL ANALOG BENCHTOP AUTOCLAVES

Designed to autoclave, wrapped and unwrapped tools.

- 60 minute cycle timer
- Temperature selection from 100° to 134°C (212° to 273°F)
- Combination pressure and temperature gauge
- Includes trays



	1730M	2340M	2540M	3870M
<b>Chamber Volume (L)</b>	7.5	19	23	84
<b>Max Available Height (in)</b>	5.25"	6.75"	8.3"	12.1"
<b>Power</b>	120V	120V	120V	230V, 1 phase (50/60 Hz)
<b>Utilities</b>	-	-	-	-
<b>P/N</b>	023210002	023210100	023210304	023210550

Product	P/N
Heidolph Chamber Brite Tablets 1 Box Of 12 Tablets: Sterilizer/Autoclave Cleaner	023212805
Package of 5 rolls printer paper, for EP models	023212200
Stand for 5075	023212607
Stand for all 3850 and 3870 Benchtop models	023212609
Door Gasket f/1730 Models	023213150
Door Gasket f/2340 Models	023213206
Door Gasket f/2540 Models	023213257
Door Gasket f/3545 Models	023212986
Door Gasket f/3850 & 3870 Models	023213273
14 x 8.6in Wire Basket - 3870ELV	023211850
14 x 13in Wire Basket - 3870ELV	023211840
18.3 x 13.7in Wire Basket - 5075ELV	023211790
18.3 x 9.2in Wire Basket - 5075ELV	023211795
14 x 8.6in Solid Basket - 3870ELV	023211860
14 x 13in Solid Basket - 3870ELV	023211870
18.3 x 13.7in Solid Basket - 5075ELV	023211890
18.3 x 9.2in Solid Basket - 5075ELV	023211895







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