



UV Disinfection Systems



HI Series UV Sterilizer

The SL, GI and HI Series of UV systems are designed for a wide range of laboratory and industrial applications including germicidal disinfection, ozone disinfection, ozone destruction, and TOC reduction. The stainless steel pressure vessel provides a durable and non-contaminating surface for demanding applications in food, beverage, pharmaceuticals, and ultra-pure water applications. Available in sizes ranging from 2 to 3200 gallons per minute; these UV systems come with many standard features available to enhance the operation and control capabilities and meet application-specific requirements.

For laboratory applications, the LT Series systems provide a simple and effective solution. Available in sizes ranging from 0.5 to 2 gallons per minute; their compact design and mounting options offer flexibility and ease of installation.

All UV systems provide chemical-free disinfection which is economical to operate and easily serviced.

UV Sterilizer Applications

- Food processing
- Beverage plants
- Pharmaceutical
- Liquid sugar
- Hospitals
- Cosmetics
- Laboratories
- Post DI/RO
- Process water
- Potable water
- Industrial Waste Water



GI Series UV Sterilizers

SL & GI Series Units

Technical Specifications

<u>Model Number</u>	<u>Service Flow(GPM)</u> (Fresh)	<u>Service Flow(GPM)</u> (High Purity)	<u>Weight (LBS)</u>	<u>Unit Dimensions (WxDxH)</u>
LT-05	0.5	0.5	3	7" x 2" x 2"
LT-06	1	1	3	9" x 2" x 2"
LT-07	2	2	5	12" x 2" x 2"
SL-07	7	7	10	18" x 5" x 7"
SL-10	10	10	10	18" x 5" x 7"
SL-15	15	15	16	37" x 5" x 7"
SL-20	20	20	17	37" x 5" x 7"
GI-07	6	7	10	18" x 6" x 7"
GI-10	8	10	10	18" x 6" x 7"
GI-15	12	15	16	37" x 6" x 7"
GI-20	16	20	17	37" x 6" x 7"
GI-30	24	30	29	37" x 7" x 8"
GI-50	40	50	30	37" x 7" x 8"
GI-70	50	60	55	66" x 8" x 9"
GI-100	80	100	57	66" x 8" x 9"

Service flow rate based on germicidal disinfection with a UV dosage of 30,000 micro-watt seconds per square centimeter at a wave length of 254nm ultraviolet energy. For other application please consult factory for details.

HI Series Units

Technical Specifications

<u>Model Number</u>	<u>Service Flow(GPM)</u> (Fresh)	<u>Service Flow(GPM)</u> (High Purity)	<u>Weight (LBS)</u>	<u>Unit Dimensions (WxDxH)</u>
HI-07	6	7	10	18" x 6" x 7"
HI-10	8	10	10	18" x 6" x 7"
HI-15	12	15	16	36" x 6" x 7"
HI-20	16	20	17	36" x 6" x 7"
HI-30	24	30	30	36" x 6" x 7"
HI-50	40	50	33	36" x 6" x 7"
HI-100T	80	100	63	30" x 10" x 13"
HI-150T	120	150	69	30" x 10" x 13"
HI-200T	160	200	74	30" x 10" x 13"
HI-200L	160	200	89	60" x 10" x 16"
HI-300L	240	300	93	60" x 10" x 16"
HI-400L	320	400	107	60" x 10" x 16"
HI-600	480	600	237	68" x 10" x 18"
HI-1000	800	1000	292	68" x 10" x 18"

Larger sizes and flow rates are available, consult factory for details.

Service flow rate based on germicidal disinfection with a UV dosage of 30,000 micro-watt seconds per square centimeter at a wave length of 254nm ultraviolet energy. For other application please consult factory for details.

Standard Features

- Stainless steel vessel
- Electro-polished internal and external surfaces
- Removable heads
- Intensity monitoring port
- Threaded connections
- Remote electrical enclosure
- Energy efficient ballasts
- Running time meter
- LED lamp status indicators

Optional Features

- Vertical orientation for space saving designs
- Flange (US and DIN) connections
- Sanitary fittings
- Sample valves
- UV monitor - analog or digital
- High heat shutoff
- Microprocessor control with graphic interface
- Manual or automatic quartz cleaning
- Explosion proof design
- Stainless steel light traps
- Skid mounting

Product information is subject to change without notice. For more detailed information on this or any of our other products visit us on the web at www.ipureh2o.com or contact us via e-mail at sales@ipureh2o.com.

SL-TOC & GI-TOC Series Units

Technical Specifications

<u>Model Number</u>	<u>Service Flow(GPM)</u> (Fresh)	<u>Service Flow(GPM)</u> (High Purity)	<u>Weight (LBS)</u>	<u>Unit Dimensions (WxDxH)</u>
LT-05-TOV	0.2	0.2	3	7" x 2" x 2"
LT-06-TOC	0.4	0.4	3	9" x 2" x 2"
LT-07-TOC	0.7	0.7	5	12" x 2" x 2"
SL-07-TOC	3	3	10	18" x 5" x 7"
SL-10-TOC	4	4	10	18" x 5" x 7"
SL-15-TOC	5	5	16	37" x 5" x 7"
SL-20-TOC	7	7	17	37" x 5" x 7"
GI-07-TOC	2	3	10	18" x 6" x 7"
GI-10-TOC	3	4	10	18" x 6" x 7"
GI-15-TOC	4	5	16	37" x 6" x 7"
GI-20-TOC	6	7	17	37" x 6" x 7"
GI-30-TOC	8	10	29	37" x 7" x 8"
GI-50-TOC	14	17	30	37" x 7" x 8"
GI-70-TOC	17	20	55	66" x 8" x 9"
GI-100-TOC	27	34	57	66" x 8" x 9"

Service flow rate based on germicidal disinfection with a UV dosage of 30,000 micro-watt seconds per square centimeter at a wave length of 254nm ultraviolet energy. For other application please consult factory for details.

HI-TOC Series Units

Technical Specifications

<u>Model Number</u>	<u>Service Flow(GPM)</u> (Fresh)	<u>Service Flow(GPM)</u> (High Purity)	<u>Weight (LBS)</u>	<u>Unit Dimensions (WxDxH)</u>
HI-07-TOC	2	3	10	18" x 6" x 7"
HI-10-TOC	3	4	10	18" x 6" x 7"
HI-15-TOC	4	5	16	36" x 6" x 7"
HI-20-TOC	6	7	17	36" x 6" x 7"
HI-30-TOC	8	10	30	36" x 6" x 7"
HI-50-TOC	14	17	33	36" x 6" x 7"
HI-100T-TOC	27	34	63	30" x 10" x 13"
HI-150T-TOC	40	50	69	30" x 10" x 13"
HI-200T-TOC	54	67	74	30" x 10" x 13"
HI-200L-TOC	54	67	89	60" x 10" x 16"
HI-300L-TOC	80	100	93	60" x 10" x 16"
HI-400L-TOC	107	134	107	60" x 10" x 16"
HI-600-TOC	160	200	237	68" x 10" x 18"
HI-1000-TOC	267	334	292	68" x 10" x 18"

Larger sizes and flow rates are available, consult factory for details.

Service flow rate based on germicidal disinfection with a UV dosage of 30,000 micro-watt seconds per square centimeter at a wave length of 254nm ultraviolet energy. For other application please consult factory for details.

Standard Features

- Stainless steel vessel
- Electro-polished internal and external surfaces
- Removable heads
- Intensity monitoring port
- Threaded connections
- Remote electrical enclosure
- Energy efficient ballasts
- Running time meter
- LED lamp status indicators
- 185nm ozone production lamps

Optional Features

- Vertical orientation for space saving designs
- Flange (US and DIN) connections
- Sanitary fittings
- Sample valves
- UV monitor - analog or digital
- High heat shutoff
- Microprocessor control with graphic interface
- Manual or automatic quartz cleaning
- Explosion proof design
- Stainless steel light traps
- Skid mounting

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