



# 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](http://www.ipureh2o.com) or contact us via e-mail at [sales@ipureh2o.com](mailto: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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