



## UNIVERSAL PHOTONICS INCORPORATED

*Saving You & the Environment*

495 West John Street  
Hicksville, NY 11801

516.935.4000  
800.645.7173  
fax 516.935.4039  
[www.universalphotonics.com](http://www.universalphotonics.com)

A compact waste-water disposal system for waste volumes up to 200 gallons per day, the economical Uni-200-T allows simple, continuous operation with minimum energy and operator involvement.

The Uni-200T System employs half-inch tubular ultra-filtration membrane technology to separate water from suspended solids, and reduce wastes by as much as 98% without the use of chemical additives. Universal's innovative design allows Uni-200T to handle high solids without messy and expensive prefiltration. The results are an effluent that can be discharged in the municipal sewer system, and dramatically reduced waste disposal costs.

The Model Uni-200T is shipped pre-piped and pre-wired for easy installation.



# ULTRA-FILTRATION SYSTEM -UNI-200T



**EFFICIENT WASTE MANAGEMENT**

- Generator Waste Water

**FINAL DISPOSAL OF:**

- Fining Water
- Rinse Water
- Cerium Oxides
- Plastic Polish
- Abrasive Slurries
- Edging Water

**DIRECT COST SAVINGS**

- Reduced waste volume saves on disposal costs
- Easy operation saves labor costs
- Low operating costs

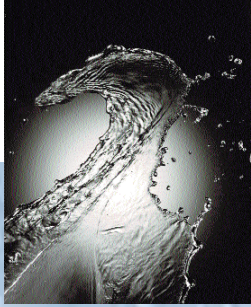
**ENVIRONMENTAL BENEFITS**

- Positive membrane barrier ensures consistent effluent quality
- Reduced environmental liability
- Low pressure, non-chemical system is safe to operate

**VALUABLE TIME SAVINGS**

- Unattended operation and limited maintenance save man-hours
- Less storing, monitoring and hauling away wastewater

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## FEATURES

- High-tech polymeric membrane is highly insensitive to chemical and concentration changes in the waste feed stream
- Half inch tubular membrane allows processing of high-solids waste
- System operates in batch or optional continuous mode
- The Uni-200T is self-contained, pre-piped, & pre-wired to machine tool codes. The motor is TEFC, all gauges are liquid filled

## SPECIFICATIONS

<b>Dimension</b>	<b>29 in. (L) x 34 in. (W) x 84 in. (H)</b>
<b>Weight</b>	<b>300 Lbs.</b>
<b>Processing Rate</b>	<b>200 GPD (24 hour basis)</b>
<b>Tank</b>	<b>Polypropylene construction, 60 gallon rectangular</b>
<b>Motor</b>	<b>2 H.P. TEFC</b>
<b>Control Panel</b>	<b>NEMA 12 enclosure</b>
<b>pH Range</b>	<b>2-12</b>
<b>Temperature</b>	<b>130 degrees F. (max.)</b>
<b>Electrical</b>	<b>20 amp@ 230V, 1 PH, 60 HZ</b>
<b>Options</b>	<b>Lift station with transfer pump and controls Expanded processing capacity</b>

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