



LOOK TO PSI
Optical Laboratory
Supplies & Equipment



TYPICAL APPLICATIONS

MOP WATER
WASTE WATER
SPENT POLISH
ALLOY WATER
SPENT COOLANT



SPENT POLISH / ALLOY WATER / COOLANT / MOP WATER **WASTE WATER TREATMENT**

The **LGEN-PAL Fully Automatic** is the clear solution for **spent polish, alloy water, coolant water** and **mop / process water** treatment. One machine separates solid contaminants from water. Spent polish and alloy may be disposed of as a solid waste and the remaining treated water can be discharged down the drain based on your local municipality's requirements. Polish and alloy wastewater treatment is made easy using the **LGEN-PAL Fully Automatic**.



PRACTICAL SYSTEMS INC.
11617 Prospect Drive • Odessa, FL 33556
(800) 237-8154 • Fax (800) 330-3800
www.LookToPSI.com

LGEN-PAL FULLY-AUTOMATIC EQUIPMENT FEATURES



- ▶ Fully Automatic Controls
- ▶ Fully Automatic Centrifuge
- ▶ Touch Screen HMI Controls
- ▶ Mobile Casters for Ideal Location
- ▶ Continuous Batch Processing
- ▶ Easy to Use Connections
- ▶ PLC Operated
- ▶ Start and Walk Away
- ▶ Automatically Stops When Out of Process Water

MODE OF OPERATION

Environmentally responsible disposal of spent polish and alloy wastewater has been a long-standing issue in the optical industry. Furthermore, with increasing environmental regulations, coolant and mop wastewater are now considered hazardous. The LGEN-PAL treats spent polish, alloy water, coolant water and mop wastewater. The results are clean water safe to put down the drain and a concentrated dry waste safe for disposal. Due to the various volumes each lab produces we offer three sizes, LGEN-PAL Manual, Semi-Automatic and Automatic. The LGEN-PAL is your clear solution for your lens grinding lab.



SPECIFICATIONS

PSI Part #FT-LGEN-PAL-A

- Up to 40 gallons batch capacity, with continuous processing.
 - Automatically adjusts each batch and continuously repeats cycles until all dirty liquid process is complete.
 - Each batch processes in an hour or less depending on the waste material being processed.
 - Water tank constructed of stainless steel.
 - Housing constructed of hot rolled steel.
 - 20 GPM pump with automatic valves and controls.
 - Automatic PH control with automatic pump.
 - Automatic chemical feeder for easy distribution.
 - Process system can easily switch orientations for customization of centrifuge location.
 - Automatic level sensor for liquid level in water tank.
 - Automatic controls and valves for easy operation.
 - One Stainless Steel automatic cleaning centrifuge with stand has 20 GPM flow capacity and automatic, self-cleaning 2.8 gallon capacity sludge bowl.
- Electric: 208V/30/60Hz
Air: 15 SCFM @ 80 PSIG
Dimensions: 98-7/8" H x 94-5/8"W x 73-1/4"L
Weight: 4,750 lbs.



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