



**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 Semi-Automatic** is the clear solution for **spent polish, alloy water, coolant water and mop / process water** treatment. One machine separates solid contaminants from wastewater. 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 Semi-Automatic**.



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

# LGEM-PAL SEMI-AUTOMATIC EQUIPMENT FEATURES



- ▶ Fully Automatic Controls
- ▶ Touch Screen HMI Controls
- ▶ Mobile Casters for Ideal Location
- ▶ Automatic Dosing
- ▶ Easy to Clean Centrifuge Bowl
- ▶ Adjust Batch Sizes for Your Lab
- ▶ Easy to Use Connections
- ▶ PLC Operated

## 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

- Up to 40 gallons batch capacity, with continuous processing.
- Capable of processing 30 gallons of alloy water and 2-1/2 gallons of spent polish per centrifuge emptying.
- 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.
- Designated pumps for both polish and alloy water with drain connection.
- Automatic PH control with automatic pump.
- Automatic chemical feeder for easy distribution.
- Entire system is on rolling casters with foot brakes for easy mobility.
- Level sensor for liquid level in water tank
- Automatic controls and valves for easy operation.
- One Stainless Steel manually cleaned centrifuge with stand with 10 GPM flow capacity and 1 gallon sludge capacity centrifuge bowl.

Electric: 208V/30/60Hz  
Dimensions: 74-11/16" W x 59-3/8" L  
Weight: 1300 lbs - shipping  
1635 lbs. - operating



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