



**LOOK TO PSI**  
Performance • Service • Integrity

## Generator PCD Cutter Blades

### 103 - For IQ Precision Turning Lathes

- Used for processing hard resin, polycarbonate and high index lenses
- Single point diamond cutter creates extremely smooth surface finishes
- Can be used for IQ CNC Lensmaker XRT and IQ SL2 machines



103

### 107 - For Optronics Vista

- Used for processing hard resin, polycarbonate and high index lenses
- Part #107 with 3/8" tapered shank
- Part #107-1/2 with 1/2" tapered shank



107

### 135 - For Loh V-Series Generators

- Easy to change cutter tips
- Lasts up to 60,000 surfaces
- Used for processing all plastic lens materials, including polycarbonate
- Offers high stock removal
- Retrueable
- Sold in sets of 8



135

## ***PSI Quick Tips!***

- In hubs where multiple diamond blades are used, make sure blades are replaced at the same time to assure their diameters are the same.
- Routinely inspect blades for nicks or fractures.
- Keep at least one backup set of blades to reduce downtime.
- Chilling generator coolant or water will extend the life of the cutting diamond.
- Use the generator's manufacturer recommended ratio of coolant to inhibit chamber rust, reduce algae and provide the correct amount of lubricity for cutting.

**To Order Call 800-237-8154 or Fax 800-330-3800**



**PRACTICAL SYSTEMS INC.**

11617 Prospect Road • Odessa, FL 33556  
(727) 376-7900 • Fax (727) 372-1900  
(800) 237-8154 • Fax (800) 330-3800  
[www.LookToPSI.com](http://www.LookToPSI.com)



**Coolants** Selecting a coolant and using the correct ratio for your generator are vital to generator maintenance and cutting performance. Coolants not only act as a lubricant to aid in the cutting process, but they also inhibit rust from forming in the chamber. PSI coolants also prevent odor causing algae buildup.

**BioCool**

- Biodegradable and non-toxic generator and edger coolant for glass and plastic lenses
- Helps prevent rusting of equipment
- Non-foaming and oil free
- Provides superior lubricity and resists bacterial growth
- Mix 3 oz. per gallon (50 to 1) for edging all materials; 13 oz. per gallon (10 to 1) for generating glass and 7 oz. per gallon (20-1) for generating plastic

Part # 1500P - 5 gallon jug



**Practicool**

- A fully synthetic, water based coolant designed specifically for the optical industry
- Contains a special polymeric additive to provide rapid swarf settling
- Includes a rust inhibitor package for superior corrosion protection for all machine surfaces
- Forms a clean, clear, stable solution in all types of water and leaves a soft, oily residue that is not stiff, tacky, hard or crystalline
- Non-foaming, non-toxic, non-irritating, pleasant smelling and biodegradable
- For edging, mix 20 parts water to 1 part Practicool; for generating mix 23 parts water to 1 part Practicool

Part # 1600G - gallon; 1600P - 5 gallon jug



**Dry Coolant**

- A highly stable, mess free, freeze dried generator and edger coolant
- Has an indefinite shelf life and saves on shipping and storage costs
- Contains antifoam, descaling additive to prevent swarf buildup and biocides to keep it smelling fresh
- 1 pound jar makes up to 100 gallons of highly consistent coolant; mix 1.5 oz. for every 5 gallons of water

Part # 1575 - 1 lb.



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