



# IGI PCMasks

## Know Your Photolithographic Process Better

IGI PCMasks are made to monitor consistency of your overall process and quantize any variation. Versions of PCMasks can also determine desired exposure, determine speed of a new photoresist, compare photoresist speed between batches, and compare types of photoresists.

### PCMASK APPLICATIONS

- MEMS
- IC Fabrication
- Packaging
- Printed Wiring Board Production
- Many Others

### MACHINES

- Steppers
- Scanners
- Aligners
  - Hard Contact
  - Soft Contact
  - Proximity

### OTHER PRODUCTS & SERVICES

- Zero Defect Photomasks
- CAD Services
- CAD/CAM Software
- Thin Film Deposition
- High Resolution Film Photoplotting
- Large Area Masks
- Glass Products
- Calibration Grids
- Greyscale

PCMasks have a continuous greyscale band from a low transmission to opaque or a series of discrete transmission values. A whole series of controlled exposures at the substrate can be made with one exposure to monitor any changes in your process or determine the optimum exposure and processing conditions.

With an IGI PCMask you are **determining and monitoring the actual variation** of your process; not the results of someone else's setup or theoretical calculation

IGI PCMasks are regularly made on quartz and sodalime with anti-reflective chrome. Other base materials and films are available to match your process and cost requirements. IGI can make the PCMask the same size and material as your production photomasks so that it simulates your process.



**INFINITE GRAPHICS**

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