

## UMF Equipment – Glass Processor for Optical Fibers

### Vytran GPX-3400

The Vytran Glass Processor (GPX-3400) is a versatile glass processing platform for fabrication of optical fibers. It incorporates a filament furnace assembly that provides a stable high temperature heat source for precise control of glass processing conditions. An embedded real time control system and powerful machine level macro programming language allow the user to develop unique event-driven routines for fast and flexible process development. All high level system communication is through a user-friendly, PC based graphical interface that provides for easy operation and convenient data storage.

- Features:
- Fiber Cladding Diameter: Up to 1.25 mm (Max)
  - Fusion Method: Filament Fusion
  - Filament Temperature Range: Room Temperature to 3000 °C
  - Fiber holding block travel: up to 180 mm.
  - Multi-axis stages precisely control and aid the alignment and positioning of fibers for splicing and tapering.
  - Microscope imaging system coupled with digital CCD camera.
  - Intuitive user interface allows simple operation & data storage.

Please refer to supplier information page: <https://www.thorlabs.com/index.cfm> for further details of the system.  
For any inquiry, please contact Ms. Pendency Ho ([pendy.ho@polyu.edu.hk](mailto:pendy.ho@polyu.edu.hk)).

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