

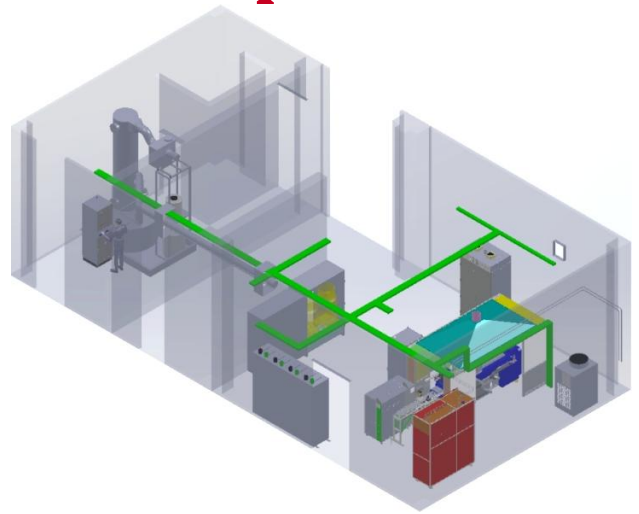
Complete Preform Fabrication Facilities

Fab Design, Equipment and Technology



Introduction

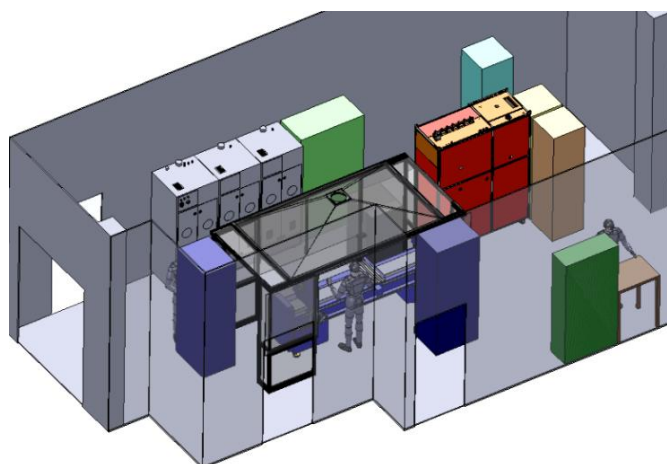
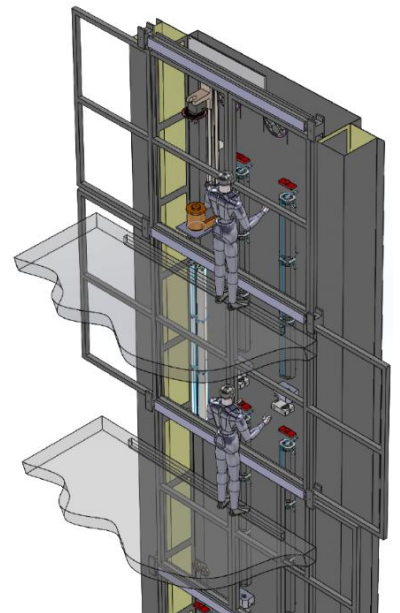
Optacore has extensive experience in optical fiber fabrication processes and technology. Active in the fiber production and design since 1986, Optacore can provide complete turn-key solutions for installation of new fabrication facilities, ranging from single MCVD system laboratories to large size production facilities. The Optacore offers the widest portfolio of specialized and general preform and fiber fabrication equipment, including measurement & test devices, effluent treatment systems and glass reforming equipment. Optacore also provides know-how and technology transfer packages, as well as training for customer's engineers and managers.



Equipment delivery scope

Optacore can offer a wide portfolio of equipment and accessories for fabrication of optical fibers and preforms. Custom designed equipment can be designed and delivered. Optacore supplies:

- Preform fabrication equipment: MCVD, FCVD, on request plasma enhanced CVD, POD or OVD equipment and accessories,
- Doping systems for chelate, flash vaporization and aerosol doping of silica and other glasses, for rare earth and metal doped preforms,
- Accessories for preform fabrication: furnaces, rotary seals, vision systems, vaporizers, bubbler refilling systems,
- Gas handling equipment: gas cylinder cabinets, piping, piping components, high temperature valves, gas panels, central gas purifiers, etc.
- Fiber draw towers, tower accessories and coating application systems,
- Fiber rewinding, proof testing and upcoating solutions,
- Effluent treatment systems: scrubbers waste water treatment systems,
- Control systems and equipment control software (WinOPTA series of control programs), on- and off-line process data analysis systems,
- Measurement and test devices: MOPS, polariscope, profilers.



Optacore services

Optacore offers:

- Resale of used or surplus equipment,
- Dismantling and decommissioning of old facilities,
- Design of new preform or fiber fabrication facilities,
- Design or consulting on facility infrastructure,
- Equipment selection and lay-out planning,
- Feasibility studies and evaluations
- Customer personnel training,
- Technology and know-how transfer,
- Custom fiber or preform design or fabrication,
- Rent-a-lab services, including personnel & materials.

For more information and specifications turn to Optacore Sales & Marketing,
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Note: Optacore reserves the right to change construction and/or specification of this product without notice.