

## Products



Optiprex High Pressure Manager

## Optiprex High Pressure Manager (HPM)

A LabVIEW® based software designed by Almax easyLab that controls iGM Controller and Optiprex PLS or Ruby Lux in real time. Enables data acquisition and in-situ pressure calculation.

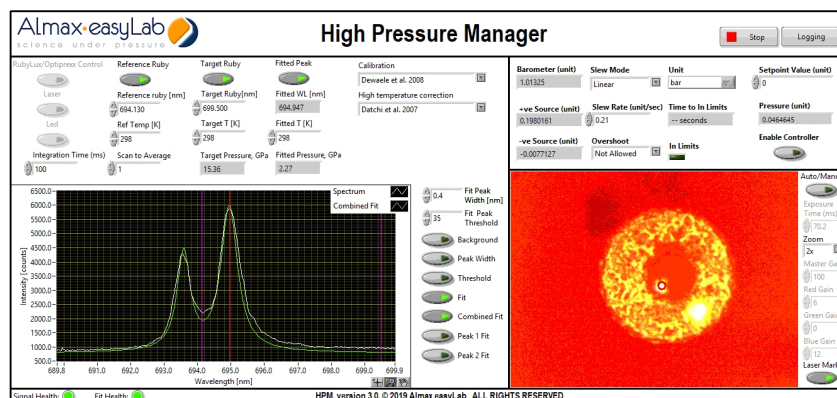
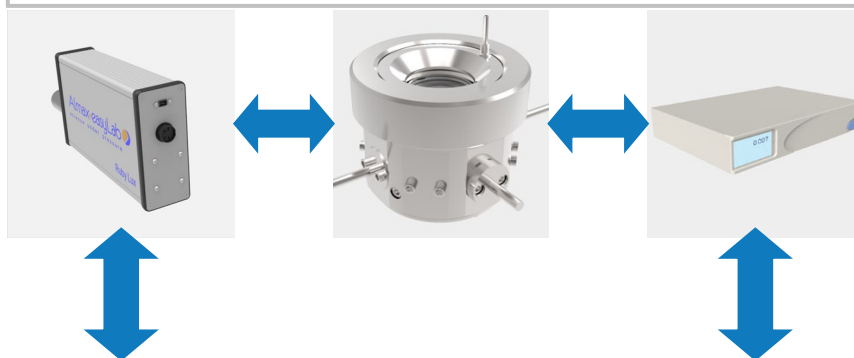
- ◆ Can be used separately with the Optiprex PLS/Ruby Lux or the iGM, or both simultaneously;
- ◆ Simple USB connection to a PC/Laptop;
- ◆ Intuitive user graphic interface;
- ◆ More advanced parameters access for the spectrometer, camera and iGM (Pace 5000) gas controller;
- ◆ Requires a Windows Operating System 64 bit.

### RELATED PRODUCTS:

- Diacell® DACs
- Diacell® iGM Controller
- Optiprex PLS
- Optiprex Ruby Lux

### RELATED ACCESSORIES:

- Ruby Powder



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**RubyLux/Optiprex Control**

Laser  Led

Integration Time (ms)  Scan to Average

**Reference Ruby**

Reference ruby [nm]  Ref Temp [K]

**Target Ruby**

Target Ruby [nm]  Target T [K]

Target Pressure, GPa

**Fitted Peak**

Fitted WL [nm]  Fitted T [K]

Fitted Pressure, GPa

Calibration: Dewaele et al. 2008 (High temperature correction) | Datchi et al. 2007

**Barometer (unit)**  **Unit**

**Slew Mode**

**+ve Source (unit)**  **Slew Rate (unit/sec)**  **Time to In Limits**

**-ve Source (unit)**  **Overshoot**  **In Limits**

**Setpoint Value (unit)**  **Pressure (unit)**  **Enable Controller**

Fit Peak Width [nm]  Background

Fit Peak Threshold  Peak Width

Threshold  Fit  Combined Fit

Peak 1 Fit  Peak 2 Fit

Auto/Manual  Exposure Time (ms)  Zoom  Master Gain  Red Gain  Green Gain  Blue Gain  Laser Mark

Signal Health: ● Fit Health: ●

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