

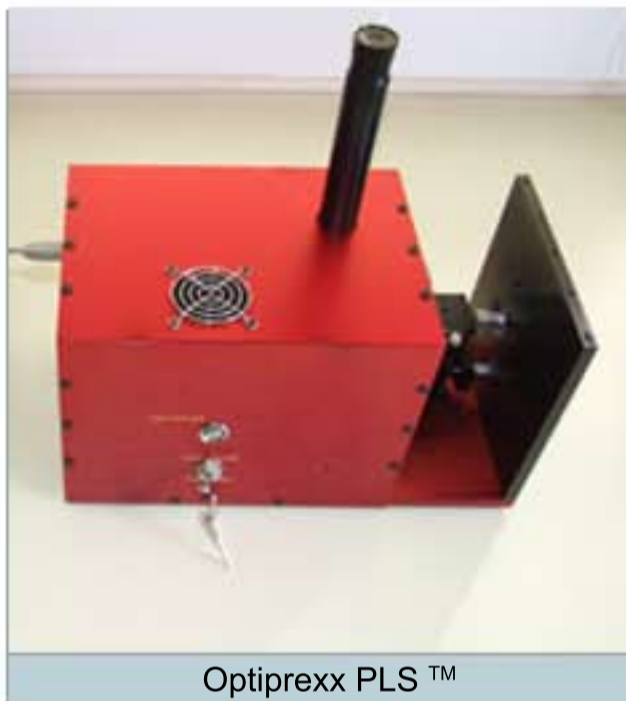
easyLab Technologies Ltd
Science & Technology Centre
University of Reading, Earley Gate
Whiteknights Rd, Reading, RG6 6BZ, UK

phone: +44 (0)118 935 7272
fax: +44 (0)118 935 7271
email: info@easyLab.co.uk

Sales: sales@easyLab.co.uk
Support: support@easyLab.co.uk

Science Under Pressure

products



RELATED PRODUCTS:

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Optiprex PLS™

Advanced photoluminescence system aimed at ultra-high pressure ruby manometry.

- ▶ The Optiprex PLS™ is a stand-alone turnkey system that performs ruby photoluminescence measurements enabling the determination of the in-situ pressure in diamond anvil cells.
- ▶ The system can provide an accuracy of +/- 0.1 GPa or better on ruby fluorescence pressure determination.
- ▶ The system includes laser (532 nm), spectrometer, transfer optics, optical observation stage, XYZ positioning stage and advanced data acquisition software.
- ▶ The software enables full spectrometer control, data acquisition and automatic or manual pressure determination.
- ▶ The Optiprex PLS™ is extremely easy to use and is very compact with a very small footprint approximately (30 x 20 x 20) cm³.
- ▶ The system connects to a computer (not supplied) equipped with an USB port to carry out the measurements.
- ▶ The software is Microsoft® Windows compatible.