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Rigaku Offers Latest Version of CrysAlis^{Pro} Software on XtaLAB mini Benchtop Single Crystal Diffraction System

User-inspired CrysAlis^{Pro} software is now available for Rigaku Oxford Diffraction's benchtop single crystal instrument

March 17, 2016 – The Woodlands, TX. [Rigaku Corporation](#), a leading worldwide supplier of analytical X-ray instrumentation, announced today that the latest version of [CrysAlis^{Pro}](#) from [Rigaku Oxford Diffraction](#) is available for the [Rigaku XtaLAB mini](#) benchtop chemical crystallography system. CrysAlis^{Pro} is a combined instrument control and data processing package which links seamlessly to Olex2, the world's most popular small molecule structure analysis package. If the initial diffraction pattern indicates that you can continue, a new feature called WIT, or "What Is This?", collects a rapid data set, indexes the cell, determines if it has been previously published (by searching the Cambridge database) and simultaneously attempts to solve the structure. For well diffracting crystals, it is possible to collect data, process it and see the atomic connectivity in a few minutes.

CrysAlis^{Pro} combines automated crystal screening, the fastest, most accurate strategy software available, concurrent data reduction and automatic structure solution with refinement by AutoChem, giving you visual feedback in the shortest time possible. In addition to its automatic routines, CrysAlis^{Pro} includes a full complement of comprehensive and effective tools and functions for dealing with non-standard or problematic data.

The XtaLAB miniTM system is a compact single crystal X-ray diffractometer designed to produce publication-quality 3D structures. The system is designed to provide the same quality data as a larger 3 kW X-ray system, but with reduced size afforded by the generator's lower operating power (600 W) and special focusing optics.



Rigaku XtaLAB mini Benchtop chemical Crystallography system

About Rigaku

Since its inception in Japan in 1951, Rigaku has been at the forefront of analytical and industrial instrumentation technology. Rigaku and its subsidiaries form a global group focused on general-purpose analytical instrumentation and the life sciences. With hundreds of major innovations to their credit, Rigaku companies are world leaders in X-ray spectrometry, diffraction, and optics, as well as small molecule and protein crystallography and semiconductor metrology. Today, Rigaku employs over 1,100 people in the manufacturing and support of its analytical equipment, which is used in more than 70 countries around the world supporting research, development, and quality assurance activities. Throughout the world, Rigaku continuously promotes partnerships, dialog, and innovation within the global scientific and industrial communities.

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