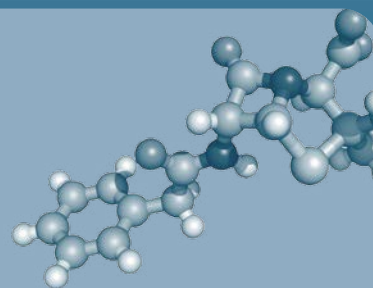


XGLAB
X and Gamma Ray Electronics



HYDRA

X-ray Fluorescence and
X-ray Diffraction combined



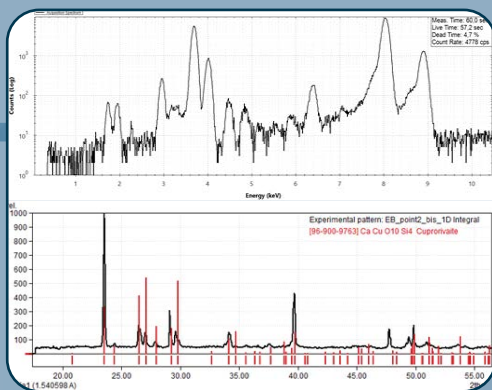
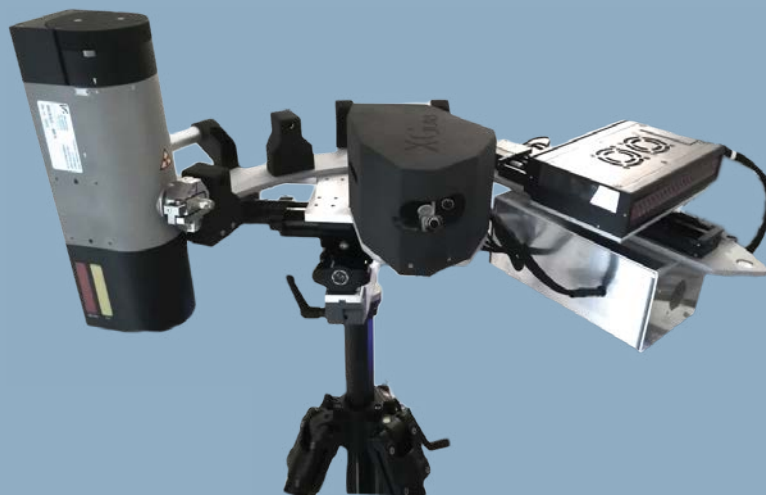


XRF - XRD combined spectrometer

An integrated dual-technique tool

HYDRA is an innovative portable spectrometer designed to perform in-situ, fast and non-destructive combined elemental and chemical structural analyses, by the complementary EDXRF and XRD techniques. In particular, the instrument has been developed for cultural heritage.

The output information delivered by the instrument includes both XRF spectrum and XRD 2D pattern from exactly the same analysis point. The user has to position the instrument once, and the two spectra will come along.



Egyptian blue XRF and XRD spectra obtained by HYDRA

The instrument is provided with advanced software for complete instrument control, data visualisation, elaboration and report creation.

XGLab S.R.L.
Via Conte Rosso 23, I-20134 Milano (Italy)
Tel - Fax +39 02 49660460
xglab.it - info@xglab.it

Follow us on
facebook.com/xglabinstruments

