

Full range of instruments for
chemical and structural analysis

Dispersion Spectrometers

Dispersive X-ray

Spectrometers

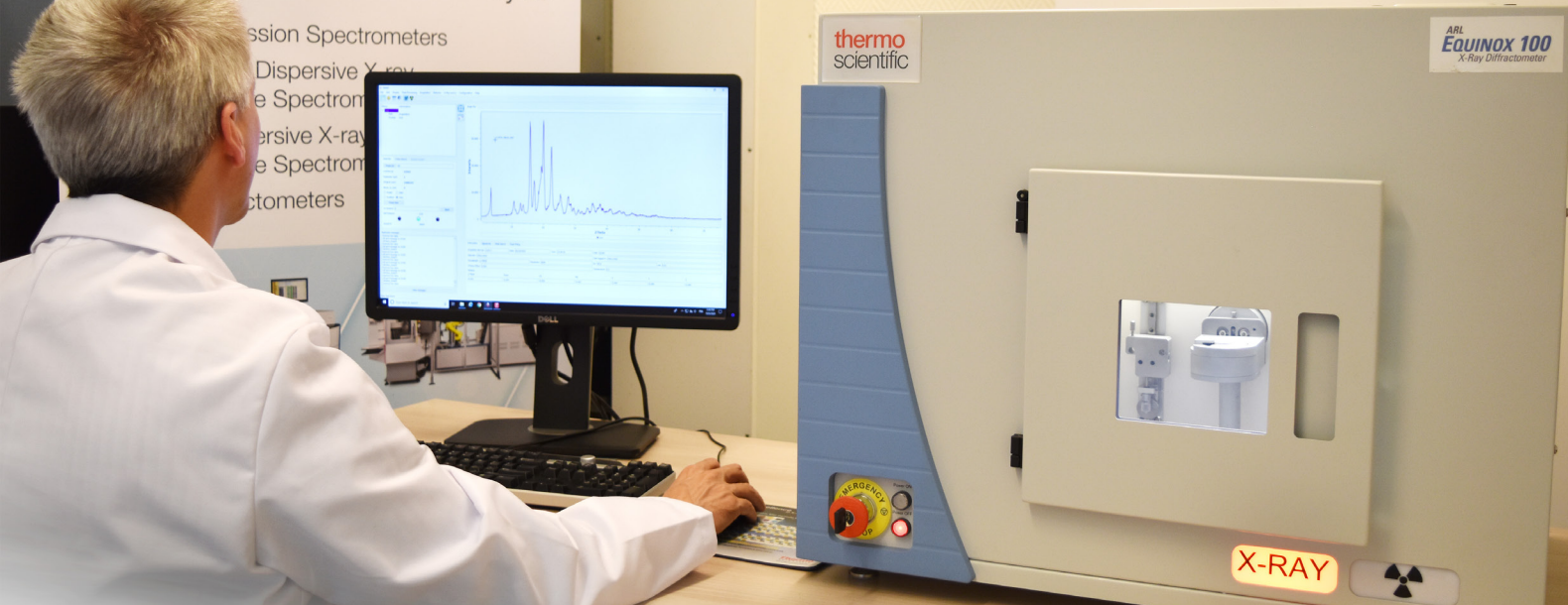
Dispersive X-ray

Spectrometers

Spectrometers

A comprehensive range
of powder XRD

• From benchtop to research XRD



Security software for ARL EQUINOX 100 XRD

Enables Title 21 CFR Part 11 compliance

Thermo Scientific™ SolstiX™ XRD Software with Security Suite for ARL™ EQUINOX 100 XRD enables 21 CFR Part 11 compliance

Security Suite software, a proven compliance component of many other Thermo Scientific systems, integrates directly into the SolstiX software so analysts can confidently operate the trusted ARL EQUINOX 100 benchtop X-ray Diffractometer in compliance with regulatory requirements.

The Thermo Scientific™ ARL™ EQUINOX 100 is well suited for fast measurements powders and tablets due to our unique Curved Position Sensitive (CPS) detector that can measure a wide angular 2theta range simultaneously. It will take you just a few minutes on most samples to get a complete analysis regardless of your resolution requirements.

► To purchase the Security Suite software, contact your local sales representative or visit thermofisher.com/solstix

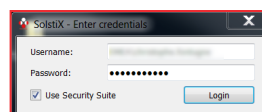
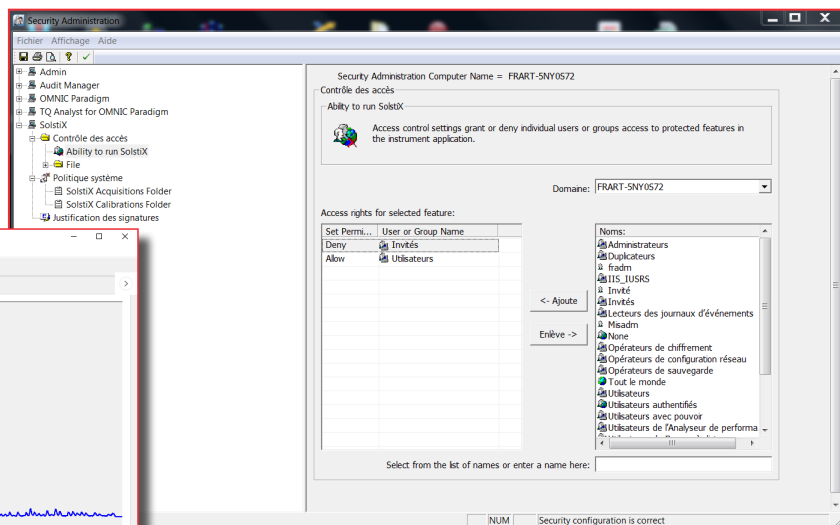
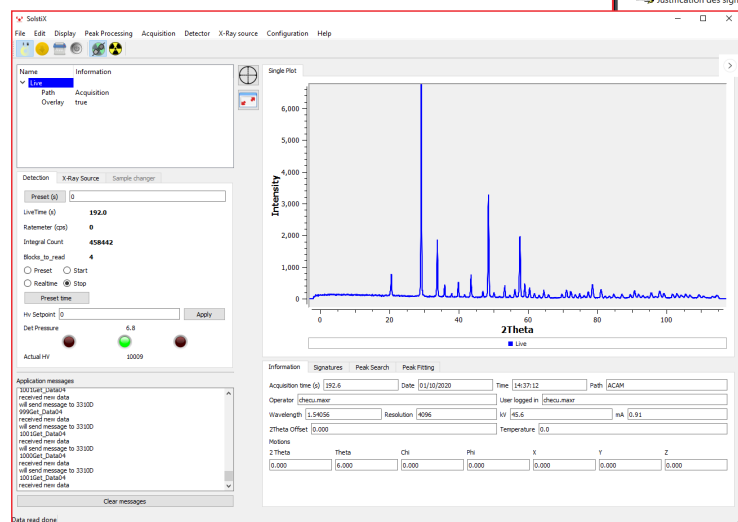


Thermo Scientific™ SolstiX™ XRD Software with Security Suite extends ARL EQUINOX X-ray Diffractometers to 21 CFR Part 11 regulated labs

- Protect stored **electronic data** related to quality assurance within manufacturer's computer systems
- Put controls in place to keep records authentic, incorruptible, and confidential
- **Electronic signatures** for the user to take responsibility for the electronic data in the system
- Requirements in the data record: date and time of scan, name of the unique signer, and technological controls to ensure security (e.g. passwords)

SolstiX™ XRD Software with Security Suite gives you maximum control with minimum effort.

Y2O3 powder diffractogram



Thermo Scientific™ ARL™ EQUINOX 100 X-ray Diffractometer Benefits

- Ideally suited for rapid screening of various formulations, finger printing or detection of counterfeit products
- Polymorphism and crystallinity determination, crystallite size calculation, quantitative phase analysis, reactivity and stability of materials, etc.
- XRD experiments on standard powders, tablets, small quantities, etc.
- Real-time full pattern XRD based on our unique PSD detector technology
- X-ray source based on micro-source technology with no external water cooling
- Unique dual-mode capability: reflection and/or transmission mode



Find out more on XRD solutions at thermofisher.com/xrd and on SolstiX XRD software at thermofisher.com/solstix

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