

# Thermo Scientific ARL EQUINOX

## Real Time X-Ray Diffractometers



### Our Technology

- Several X-Ray Diffraction systems
- Real time detection with PSD type detector
- Simultaneous data acquisition up to  $120^\circ/2\theta$
- High resolution up to  $0.05^\circ/2\theta$
- Minimal acquisition time for  $120^\circ/2\theta = 1$  sec
- Multi axis goniometer with real time detection
- Microdiffraction down to  $10 \mu\text{m}$  beam
- Monochromatic optics
- Various sample holders
- Variable temperature & atmosphere chambers
- Routine to advanced data processing software

### Serving All Your Applications

- Process and quality control in cement, metals and mineral industries
- Research in nano-materials, microelectronics, metallurgy and advanced materials
- Pharmaceutical and cosmetics (research and quality control)
- Geology and Mining
- Educational institutes

### Our Instruments

Thermo Scientific™ ARL™ EQUINOX 100	Stand alone benchtop XRD
Thermo Scientific™ ARL™ EQUINOX 1000	Benchtop XRD
Thermo Scientific™ ARL™ EQUINOX 3000	Research XRD
Thermo Scientific™ ARL™ EQUINOX 3500	High Resolution Powder XRD
Thermo Scientific™ ARL™ EQUINOX 5000	Versatile research XRD
Thermo Scientific™ ARL™ EQUINOX 5500	2 circle very high resolution XRD
Thermo Scientific™ ARL™ EQUINOX 6000	4 circle texture/stress XRD

**Contact us today for more information!**

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