LINEV SYSTEMS

www.linevsystems.com

TELLUS
XRD series

DESIGNED FOR EDUCATION, RESEARCH, AND INDUSTRY

From Classroom to Production Line: Precision You Can Trust

Tailored Solutions for Every Stage of Innovation

The **TELLUS XRD** Series by LINEV Systems offers cutting-edge X-ray diffraction solutions, combining precision, efficiency, and versatility in a compact design. Developed for education, advanced research, and industrial production, the TELLUS series delivers unparalleled results across diverse applications.

General Features of the

TELLUS
XRD series

COMPACT DESIGN:
Benchtop units that integrate seamlessly into any lab or industrial setting

ADVANCED XRD TECHNOLOGY:
Equipped with the state-of-the-art goniometers, detectors, X-ray tubes and generators to deliver unmatched accuracy and sensitivity

COMPREHENSIVE DETECTOR OPTIONS:
Choose between 1D and 2D photon counting detectors for optimal sensitivity and data quality

HIGH PRECISION AND VERSATILITY:
Achieve up to $\pm0.01°$ (2θ) accuracy and minimal step sizes of $0.0003°$ (2θ)

CUSTOMIZABLE OPTIONS:
Comprehensive accessories to adapt to your specific research or industrial needs

INTUITIVE SOFTWARE:
The TellusCon and ALMAZ software ensure smooth device operation and sophisticated data analysis

ENERGY-EFFICIENT DESIGN:
Built-in water cooling and low power consumption minimize operational costs

ENHANCED SAFETY FEATURES:
Multi-level radiation shielding and real-time diagnostics ensure a secure working environment

EASE OF USE:
Automated calibration, pre-heating cycles, and batch scanning capabilities streamline workflows

LV

TELLUS XRD *series*

FEATURE	TELLUS BASIC	TELLUS PRO	TELLUS INDUSTRY
RECOMMENDED FOR	Universities, Training Labs, Routine Material Testing	R&D Centers, High-Tech Manufacturing	High-Volume Industrial Production (Cement, Mining, Steel etc)
APPLICATIONS	Basic Powder Analysis, Education	Advanced Research, Thin Films Analysis, Texture and Residual Stress Measurements	High-Throughput, Automated Analysis, Routine QC
SAMPLE CAPACITY	Single or Multi-Sample Holder on 8 pos. (Optional)	Single or Multi-Sample Holder on 8 pos. (Optional)	High-Capacity Automated Sample Changer
OPTIONAL ACCESSORIES	Basic Options	Comprehensive Research Accessories	Automation Tools for Large-Scale Analysis
SOFTWARE	Control software TellusCon+ALMAZ Analysis	Control software TellusCon+ALMAZ Analysis	Custom Workflow Integration

TELLUS BASIC

PERFECT FOR EDUCATION:

Simplifies XRD concepts for students with an affordable and easy-to-use design

ROUTINE POWDER ANALYSIS:

Ideal for entry-level industrial labs

TELLUS PRO

PRECISION FOR RESEARCH AND INDUSTRY:

Features higher accuracy and extended functionality beyond the powder analysis

VERSATILITY:

Supports applications like thin-film analysis, residual stress and texture measurements

TELLUS INDUSTRY

HIGH-THROUGHPUT PERFORMANCE:

Handles large volumes of samples with automated workflows

ROBUST DESIGN:

Engineered for 24/7 operation in demanding industrial environments like cement, mining and steel

LINEV SYSTEMS
United for Innovation

Start Your Journey with the

TELLUS
XRD *series*

WHICH TELLUS IS RIGHT FOR YOU?

TELLUS BASIC: For education and routine powder analysis

TELLUS PRO: For academic research and advanced industrial analysis

TELLUS INDUSTRY: For high-volume industrial operations

NEXT STEPS:

Contact Us:
Get personalized advice from our experts

Request a Demo or Presentation:
See how the TELLUS Series fits your needs

Visit Our Website:
Explore detailed specifications and applications

🌐 linevsystems.com

✉ info@linevsystems.com

LINEV SYSTEMS
United for Innovation