

Discover **KORE's Optix** imaging systems – a family of intelligent solutions designed to transform the way geologists capture and manage core data. From lightweight field systems to fully automated production imaging, **Optix** delivers speed, precision, and consistency across every stage of your workflow.



**Optix LITE: 150  $\mu\text{m}/\text{px}$**

Ideal for mobile or remote campaigns where flexibility is critical.



**Optix ONE: 100  $\mu\text{m}/\text{px}$**

Ensures consistent, controlled imaging quality for high-volume core facilities.



**Optix PLUS: 50  $\mu\text{m}/\text{px}$**

Conveyor-fed system designed for production-scale throughput with minimal manual handling.

## Optix LITE > Portable imaging performance – from core shed to field

**Optix Lite** is a compact, field-ready imaging system designed for exploration and production teams who need reliable, high-quality imagery wherever work takes them. Built around an industrial DSLR camera, **Optix Lite** captures calibrated images in seconds, powered by long-life batteries or an AC supply for flexible deployment in any environment.



Equipped with a consistent, diffuse lighting system, **Optix Lite** ensures uniform illumination and repeatable image quality across every capture – minimizing shadows, glare, and variability in field conditions. Lightweight, ergonomic, and highly versatile, **Optix Lite** integrates seamlessly into KORE's digital ecosystem, enabling instant image management, AI-assisted logging, and streamlined collaboration.

### Portable and ergonomic design

- Lightweight ( $\approx 20$  kg) and easily operated by a single person
- Designed for accessibility across all users
- Can be pushed along/mounted on rolling racks

### Flexible power options

- Dual 18V Li-ion batteries or 100–250 VAC power

### Core tray compatibility

- Supports trays up to 1m in length

### Controlled imaging environment

- Minimized reflections on wet core
- Enclosed camera system reduce exposure to dust, dirt, and moisture

### High quality imaging

- Industrial DSLR camera
- 150  $\mu\text{m}/\text{pixel}$  resolution

### Seamless integration

- Operates as a mobile or fixed system, designed to integrate into existing core shed workflows

### Ideal for:

- Remote exploration sites
- High-volume production facilities
- Teams needing mobility without sacrificing image quality

# OptixOne > The reliable workhorse for the modern core shed

Built for accuracy, repeatability, and consistency, the **OptixOne** system delivers high-resolution, calibrated core imaging. Engineered for exploration through production environments, **OptixOne** is manufactured in Australia and designed to perform reliably in demanding core shed conditions.



**OptixOne** captures true-color imagery with no lens distortion – ready for immediate analysis, interpretation, and reporting.

## High-resolution calibrated imaging

- 100  $\mu\text{m}$ /pixel resolution
- True-color output with no lens distortion

## Controlled imaging environment

- Minimizes reflections, including on wet core
- Ensures consistent, repeatable image quality

## Purpose-built capture software

- Optimized for core facility workflows
- Seamlessly integrated with KORE's AI-driven software, including Spector Geo and Joyce.ai

## Flexible core box compatibility

- Supports core trays up to 1.6 m in length

## Fixed, stationary installation

## Ideal for:

- Operations requiring high-resolution photography
- Repeatable, standardized imaging across teams and sites

# Optix PLUS > High-speed automation for high-production mines

**Optix Plus** represents the next generation of automated core imaging. Featuring a precision line-scan camera and integrated auto-sprayer, **Optix Plus** is engineered for continuous, high-throughput imaging with minimal operator input.



Designed for production-scale operations, **Optix Plus** maximizes speed, consistency, and reliability – delivering unmatched performance for data-driven mining environments.

## High-speed line-scan imaging

- Ultra-high resolution at 50  $\mu\text{m}$ /pixel
- Continuous scanning for rapid throughput
- Approximately 5 seconds per 1 m core tray
- Eliminates reflections on wet core

## Fully automated operation

- No-touch image capture
- Automated scanning and calibration

## Core tray compatibility

- Supports trays up to 1.6 m in length

## Fixed, stationary installation

## Integrated auto sprayer

- Ensures consistent core preparation prior to imaging

## Ideal for:

- High-production mining operations
- Sites requiring maximum speed, consistency, and automation



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