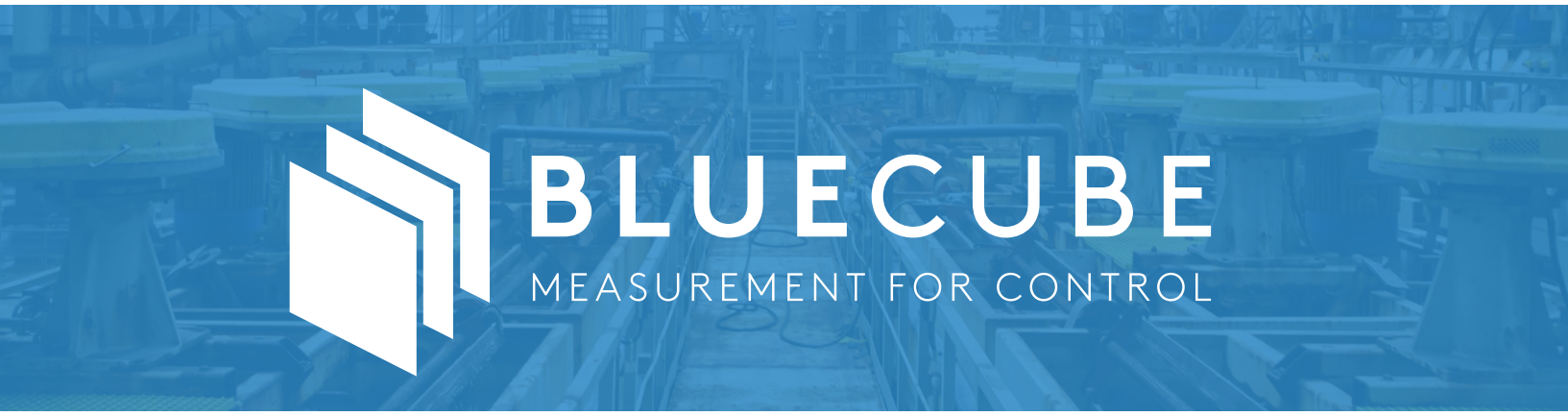
Draslovka
Mining Process Solutions



BLUECUBE

MEASUREMENT FOR CONTROL

Our in-line mineral analyzers were custom-developed for the minerals processing industry. Our solutions incorporate diffuse reflectance spectroscopy techniques which are optimized for mineral processing, enabling mines to make informed decisions in real time. Blue Cube analyzers are a versatile solution to measure your process in real-time.

Applications

Slurry

In-line instrument that measures the slurry in flotation circuits, in real-time.

High Temperature

In-line measurement of high temperature processes in calcination.

Dry Mineral Analysis

Enables in-line measurement of dry free flowing ore streams with grain sizes below 2mm.

Liquid Solutions

Enables at-line measurement of solution composition in hydrometallurgy.

In-line measurement

Small footprint, easy to integrate. No sampling lines, or multiplexers.

Unmatched range

Measures both light and heavy elements, minerals, particle size and % solids, all in one instrument.

Low maintenance

Mechanically simple: only two moving parts, no high-wear components.

Fast response

Measurements every 15 seconds from all streams, in parallel.

Inherently safe

No radioactive sources or high intensity lasers.

Proven

100+ analyzers deployed worldwide.

Comparison with XRF

	Blue Cube	XRF-based analyzers
Real-time measurement	Measures directly in the pipeline, offering **true real-time data**, essential for effective process control.	Sample is transported to a centralized facility via sampling lines, so XRF **measurements are delayed**, making real-time process control more difficult.
Regular maintenance	Only requires a **bulb and face plate replacement** approximately once a year.	Requires **regular maintenance** of the X-ray tube, pumps, and sampling lines, with the potential for frequent sample line blockages.
Ease of installation	Small footprint (2-3m^2 including workspace), making it **easy to install** in confined spaces.	Typically requires a **larger footprint** (approx. 10m x 4m x 9m), including multiplexers, pumps, sample pipes, and a centralized analyzer room.
Operational reliability	If one analyzer is down, the other analyzers **continue to function.**	If the central analyzer becomes unavailable, **no measurements are available** across the entire plant, leading to a reduction of process control efficiency.

Cost effective: Our pricing is very competitive compared to XRF-based analyzers. If measurements are needed for only one or two streams, pricing is tailored accordingly. In contrast, most XRF systems require a master unit, regardless of the number of streams.

About Draslovka

- Draslovka has been reimagining what's possible with the CN family of chemicals for more than 100 years.
- We are a Czech-based company, driven by an international team working across the world with a conscious ambition to be the best at what they do.
- As a global leader in cyanide-based chemical specialties, we have 700+ staff across 14 countries and serve the largest mines in the world, with 95% of our clients recommending us.
- Our wide range of solutions includes Glycine Leaching Technology, reagents such as sodium cyanide, in-line mineral analyzers, and AI-based setpoint recommendation tools.
- We provide industry-transforming methods to extract metals at a lower unit cost, with reduced ESG impacts and an enhanced social license to operate.