Maximising Aluminium Scrap Value with CALIBUS Al from ARUN Technology

In the metal recycling industry, accurate material identification is crucial for maximising revenue and maintaining quality standards. The **CALIBUS Al** handheld Laser-Induced Breakdown Spectrometer (LIBS) from **ARUN Technology** is transforming aluminium scrap sorting by delivering rapid, precise alloy identification in just two seconds.

Why Accurate Alloy Identification Matters

Aluminium scrap comes in various alloy compositions, and proper sorting is essential for achieving the highest resale value. Traditional methods can be slow, expensive, and unreliable, leading to:

- Contaminated batches that fail quality checks.
- Lost revenue due to misclassified alloys.
- Inefficient processes that slow down recycling operations.

The CALIBUS Al LIBS analyser eliminates these issues with:

- Bespoke aluminium alloy calibrations for accurate, repeatable results.
- Instant grade matching using an extensive international alloy library.
- Lightweight, portable design – ideal for busy recycling environments.
- No gas canister required – reducing long-term operational costs.

How CALIBUS Al Enhances Scrap Metal Sorting

With near-instant analysis, recyclers can process more material in less time, minimising bottlenecks and improving overall efficiency. The gas-free operation further reduces maintenance costs, making it a smart investment for any recycling facility.

As demand for high-purity aluminium continues to grow, recyclers need cutting-edge technology to stay ahead. The **CALIBUS Al** provides the speed and accuracy necessary to maximise profitability while ensuring compliance with industry standards.

Need further information?
Contact our team at sales@aruntechnology.com for expert advice on selecting the right OES for your needs!

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