

AI-Alt Fuel Cement



Identify materials from a mix plastics, wood, cardboard, metal, food, textile, etc



Ultimate accuracy for plastics detection like PE, PET, PP, HDPE, LDPE, ABS, PLA, PS and more



Size, weight, volume, packaging type



Calculate the moisture content



Estimate the calorific value (HCV & LCV)

Let the Pixel-AI engine optimize your alternative fuel options through real time analysis, ensuring compliance maximizing the calorific value potential and saving you time and costs.

Our visual Pixel-AI engine is able to provide a platform that analyzes and provides in-depth knowledge of the alternative fuel materials that are used for powering the furnaces as part of your recycling process, to ensure you get the maximum energy values out of the least amount of waste. Ensuring you meet the industry standards for recycling, compliance whilst saving you cost and time.

80%

time
reduction⁽¹⁾

75%

in savings⁽¹⁾

95%

of accuracy⁽¹⁾

Boost your business with our cutting-edge solutions and unlock extraordinary growth opportunities.

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Key features

- Get to know insights about the alternative fuel materials of input and output on selection and recycling processes.
- Improving selection accuracy rate, characterization of input and output of selection and recycling plants and enhancing the future of recycled materials.
- Identify all insights: material, weight, volume, its moisture and its calorific value.
- Maintain your existing processes without making direct contact with the waste.

Enhance your knowledge of alternative fuels through Artificial Intelligence

AI POWERED

It gets better the more you use it.

REAL TIME

Confidence in compliance with real time results.

RELIABLE

Ultimate accuracy for better decision making (>95%).

ON CLOUD

Intelligent cloud-based dashboard with BI.

INDIRECT INSPECTION

Contactless and non-invasive measurement.

INDUSTRY ORIENTED

In-line fast detection for industrial processes.

COMPLETELY CUSTOMIZABLE

Train and visualize specific materials & insights.

PLUG & PLAY SYSTEM

Plug & play system. Integrate seamlessly with current systems.

Discover our solution in 4 easy steps⁽²⁾

- 1 SELECT** the materials and insights you need to analyze.
- 2 INSTALL** the system in your facilities to get everything ready.
- 3 FINE TUNE** the AI engine to ensure the highest accuracy with facility-specific sampling and training.
- 4 IMPROVE** your knowledge of your alternative fuels flows with an interactive dashboard.

