

PRODUCT BROCHURE

FlawML

AI analysis for NDT



Key features

FlawML software provides automatic analysis of NDT data to aid the inspector. Powered by AI, FlawML is performant and suitable for a wide range of tasks.

- Finds potential indications in NDT data
- Reports findings intuitively, fit to your workflow
- Tailored and validated for each inspection case

- IQI evaluation
- Lead letter text recognition

Ultrasonic testing

- Mechanized inspections
- Conventional, phased array or time-of-flight diffraction. Ask us more for other types
- Defect detection and classification

Visual testing

- Image- or video-based inspections

Benefits

- Allows to focus on indicated areas, saving resources for what's important
- An extra pair of eyes that never gets tired – useful for large workloads
- Automates mundane tasks like data quality assessment and reporting
- Can be integrated into fully automatic inspections
- Provides statistics for more fine-grained production control, without added manual work

TrueflawBox

FlawML software comes packaged in TrueflawBox, our standalone Edge AI unit

- Fast analysis times with 32 TOPS of AI performance
- Connect to local network or directly to a PC with an ethernet cable
- No internet connection needed, can be used on site
- Easy to use: drag and drop files to TrueflawBox for analysis
- Customized installations to fit your workflow

Applications

Radiography

- DDA, CR or digitized film
- Weld inspection: detection, measurement and classification of defects
- SNR measurement



File formats

Radiography	DICONDE, DICOM, tiff, jpeg
Ultrasonic testing	Ask us more!
Visual testing	mpeg, avi, vob
Eddy current testing	Ask us more!
All NDT	Integration to custom formats

Licensing

The software and TrueflawBox are licensed together with monthly billing. The license includes technical support and minor modifications.

Custom reports

- DICONDE, DICOM overlays
- Auto-generated PDFs, Excel-spreadsheets
- Interactive HTML-reports

Getting started

AI is trained using data. Depending on your inspection case, we either

- A. Evaluate an existing AI model on your inspection data
- B. Tailor an AI model to fit your inspection by training it on your data

Contact us for an assessment on your inspection.

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