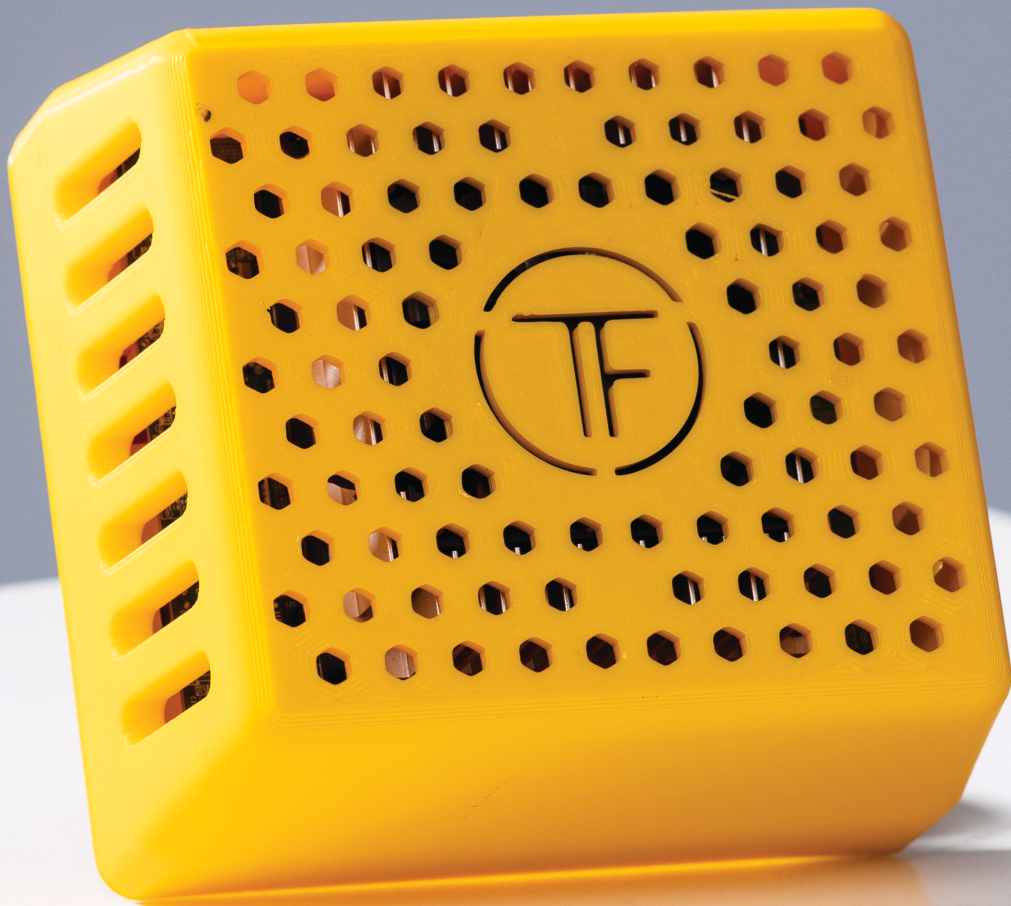


FlawML

AI ANALYSIS FOR NDT



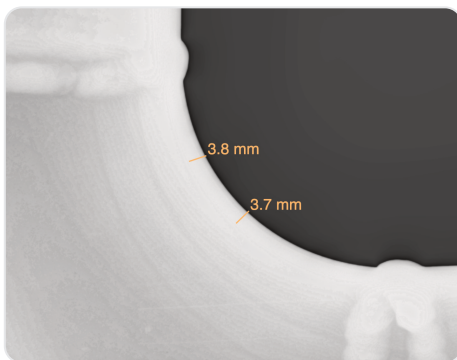
AI ANALYSIS FOR NDT

FlawML is a revolutionary automatic NDT data analysis solution based on machine learning. It combines human-level inspection performance with the speed and repeatability of automation. FlawML offers defect recognition, data quality assessment and customized reporting, seamlessly integrated to your workflow.

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
- Validated for each inspection case



Automatic pipe thickness measurement.
Radiograph captured by Pexraytech



Crack detection from PWI/TFM data

Benefits

- Allows to focus on indicated areas, saving resources for what's important
- An extra pair of eyes that never gets tired – useful for high 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

Applications

Radiography

- DR, CR or digitized film
- Weld inspection: detection, measurement and classification of defects
- SNR measurement
- Image quality indicator (IQI) evaluation
- Lead letter text recognition
- Pipe thickness measurement

Ultrasonic testing

- Mechanized inspections
- Pulse-echo, TOFD, PAUT, FMC/TFM, PWI/TFM
- Defect detection and classification
- Real time or recorded data

Visual testing

- Image-based inspections
- Real time or recorded video

TrueflawBox

For maximum security, choose 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

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

Custom reports

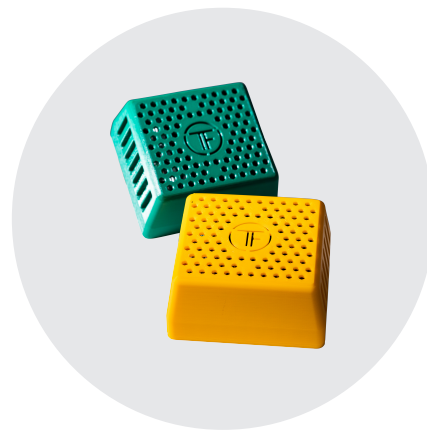
- DICONDE, DICOM overlays
- Auto-generated PDFs, Excel-spreadsheets
- Interactive standalone HTML-reports

CONTACT US
for an assessment on
your inspection

FlawML Web App

For ease of use anywhere at any scale, choose FlawML Web app

- Connect to your company data via Microsoft Sharepoint, Jira, Power BI or other platform
- Inspect, report and archive in one step - We offer fully featured inspection software on the Web
- Use our secure servers or a cloud provider of your choice



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 procedure by training it on your data



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