

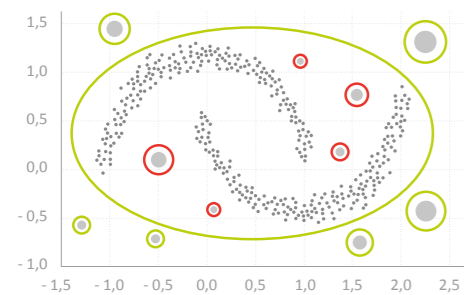


OPTIONS FOR INTUITY CONTROL UNIT
INTELLIGENT KI SOFTWARE FOR MAXIMUM DETECTION ACCURACY

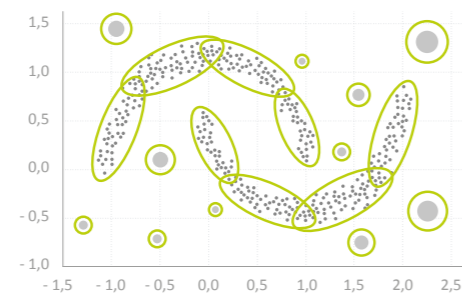
THiNK – Metal Detection with Artificial Intelligence (AI)

The THiNK software is an additional option for products with very high product effects. THiNK is able to almost completely mask the product effect, thus increasing detection sensitivity and reducing false rejects. **Your advantage with Sesotec:** The software is based on artificial intelligence and independently draws conclusions from large amounts of data.

Multi-simultaneous frequency



THiNK Technology



• Product effect ◯ Detection threshold ◯ Metal foreign body (detected) ◯ Metal foreign body (not detected)

- Every product leaves a “digital fingerprint”
- A metal trigger threshold is calculated and stored around these points
- Inside the threshold, the signals are assigned to the product effect, outside detected as metal

- Multidimensional AI algorithms calculate the detection threshold more accurately and stably with each product
- AI models thus create multiple detection thresholds
- Detection sensitivity is thus significantly increased and false triggering reduced

THiNK about it...

THiNK was developed specifically for the INTUITY Control Unit. Different license models are possible for this intelligent software. Please feel free to contact us at any time to get started.

Typical fields of application for artificial intelligence (AI)

- Better, more stable detection of products with high and/or fluctuating product effects (storage in brine or water, metalized packaging, etc.)
- The smallest metal contaminants are reliably detected, whereas they remained undetected with previous systems
- Hiding of RFID tags, for example on E2 containers filled with meat and sausage products



THiNK Auto-Tracking

Production data and parameters are collected via this function, and used in AI model building. The various AI models are continuously adapted to production. This ensures reliable production with maximum detection performance.

Advantages for the customer

- More security against product recalls
- Less food waste
- Increase in production efficiency
- Increase in product quality
- Higher profitability
- Reliable detection for products with high product effects

Innovation leader through artificial intelligence

Detectable test body size

