KSMVISION

INSPECT 360+ LI
Label Inspection

FMCG and pharmaceutical industries

KSMVISION
OPTICAL QUALITY INSPECTION

Turnkey quality control system

Fully automated IT system for label inspection

KSM Vision assures accuracy and efficiency with stand-alone systems and modules ready to be integrated with your packaging lines.

Flexibility of systems allows to adapt them to the needs of different types of packaging, including:

bottles

cartons

pouches

other

The Inspect 360+ LI system is fully prepared for integration with the factory's IT systems, in terms of automatic order setting, including:

BATCH #

EAN & UFI code

REPORT GENERATION

KSM Vision systems ensure full quality inspection of the label, including:

✓ BATCH, EAN, UFI codes' verification

✓ label quality check (missing, upside down, skewed, peeling off, wrinkled, displaced labels, fuzzy print, multiple labels).

OCR (Optical Character Recognition)
scans analyzed by KSM Vision system AI-drive...

OCR
O C R
OCR

CLEANING FRESH

WARNING

UFI: VDU-459V-1258-5964

500 ml

peel
lami
fuzz
labe
UFI
BAT
EAN
wrin

Advantages:

✓ 100% control of production ensures that only flawless products leave your production

✓ Traceability of all products - extensive statistical functions provide in-depth insights into your production quality

✓ User-friendly interface enables quick product adding and creating new order (including reference images)

✓ Tested and easy integration of the system into your production line

✓ Customized lighting technology for the avoidance of reflections and false rejects

✓ Immediate rejection of products with incorrect or damaged labels

✓ Centralized qualitative and quantitative product inspection

Illumination chamber enables quality inspection of sleeves on bottles, without reflection and with high accuracy.

Text of 1,5 mm height can be read on 2l bottle

With our help, configure Inspect 360+ LI for your production process & line - customize hardware, interface or analyzed data

Options:

✓ Separation system (wedge conveyor)

✓ Soft rejection unit (multi-segment rejector)

✓ Defined trend values and set alarms enable the line crew to take action at an earlier stage

✓ Detailed inspection reports provide information about the delivery quality at any time

Configurable interface and database

Based on the production specification system interface can be adjusted, including automatic system set-up with data upload by higher-order system (e.g. MES) and additional data upload by line operator. Data collected by the system can be automatically uploaded to higher-order system.
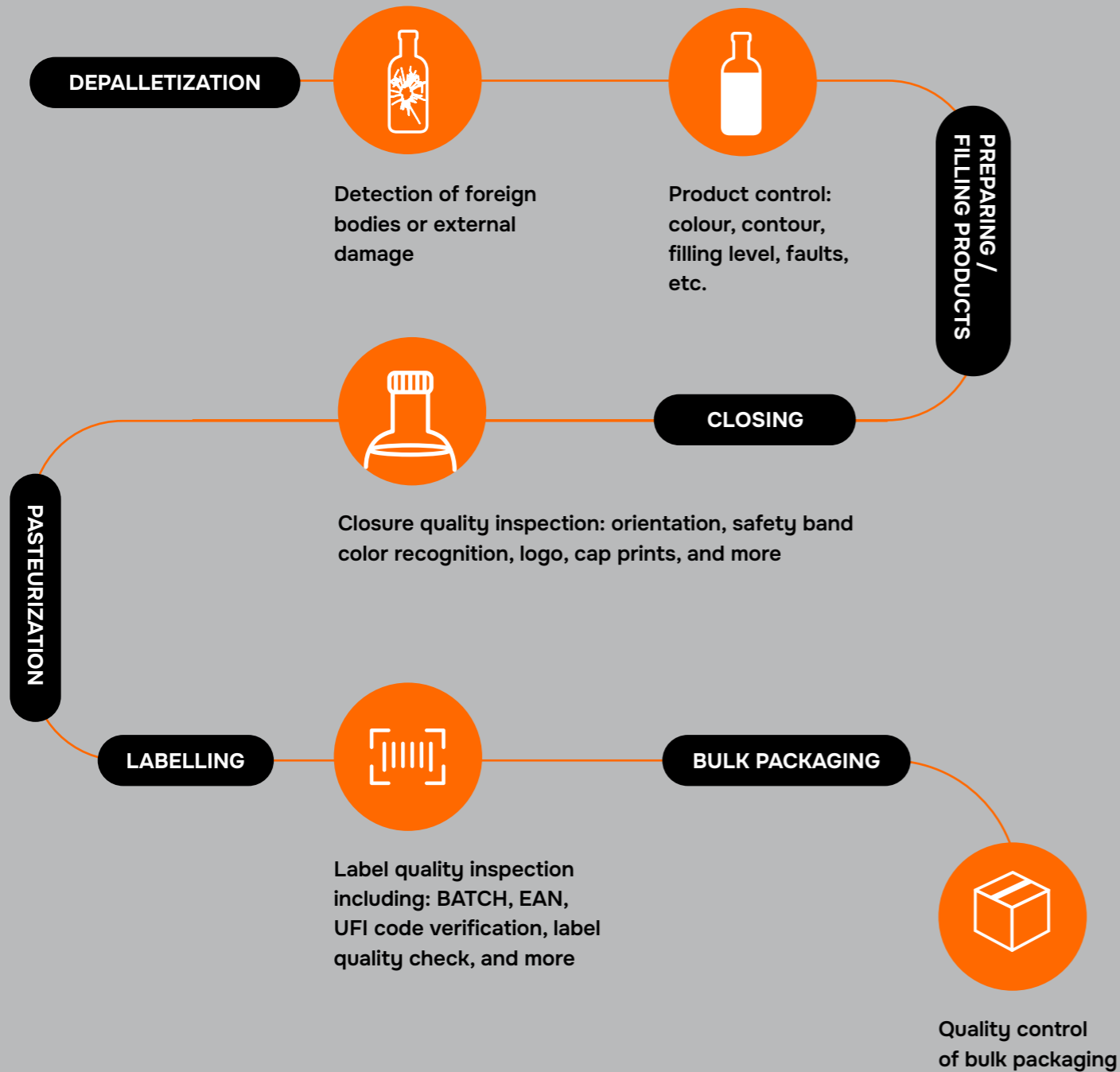
Different products, one software

User-friendly interface enables adding new product formats.

Training system for the new products is fully automated and takes only a few minutes using machine learning algorithms based on neural networks.

KSM Vision systems

enable all-round vision quality control at every step of your manufacturing process.

DEPALLETIZATION

Detection of foreign bodies or external damage

Product control: colour, contour, filling level, faults, etc.

PREPARING / FILLING PRODUCTS

CLOSING

Closure quality inspection: orientation, safety band color recognition, logo, cap prints, and more

PASTEURIZATION

LABELLING

Label quality inspection including: BATCH, EAN, UFI code verification, label quality check, and more

BULK PACKAGING

Quality control of bulk packaging

What do you gain?

- customer safety & highest product quality guaranteed
- cost savings by minimalizing manual inspection & product waste
- solution to production labor shortages in the market - by transferring manual inspection to automated machine vision inspection

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At KSM Vision, we've positioned ourselves as a trusted partner of the quality control industry.

Serving a diverse range of sectors — including woodworking, pharmaceuticals, cosmetics, and food — we bring the reliability and precision you need.

By fusing advanced machine learning algorithms with customized hardware, our solution isn't just an alternative to manual inspection; it's a superior approach.

We have made quality inspection systems:

- compact - easy to implement in limited space and on existing production lines,
- AI-powered with neural network architecture - enabling adaptations to the changed requirements, or product formats,
- optimized with real-world data from production lines resulting in better accuracy,
- hardware-agnostic - offering flexibility in choosing hardware components.

since 2012

Trusted by European EIT Manufacturing and backed by Intel's oneAPI for Startups, our solution is built on a foundation of reliability.

We're ISO9001 compliant, ensuring our standards meet global benchmarks for quality and trust.

Ask for details

Krzysztof Malowany

CEO / Sales

k.malowany@ksmvision.com
+48 501 483 434

KSM Vision Sp. z o.o.

Bzowa 21, 02-708 Warsaw

Poland

welcome@ksmvision.com

ksmvision.com

At KSM Vision, we strongly believe in the power of connecting scientific minds to run the constant change.

As an official partner of Intel's OneAPI for Startups program we are engaged in the R&D on the neural network potential. In partnership with EIT Food - Europe's leading food innovation initiative - we are co-making the food industry more sustainable, healthy and trusted, involving the quality inspection tools.

intel liftoff   eit Food   Co-funded by the European Union   ISO 9001 CERTIFIED

EIT Food is supported by the European Institute of Innovation and Technology (EIT), a body of the European Union.