



HEUFT PRODUCTS
presented at FachPack 2016



HEUFT SYSTEMTECHNIK GMBH

HEUFT IS SYSTEMTECHNIK

Quality, safety and efficiency: this is what matters when filling and packaging food, drinks and pharmaceuticals!

The modular solutions from HEUFT SYSTEMTECHNIK GMBH put these key factors into practice simply and effectively. They ensure, during maximum productivity, that only perfect products reach the market.

LIFE CYCLE PARTNERSHIP

Those who choose HEUFT receive more than innovative systems which ensure product quality and line efficiency reliably. In HEUFT you have a strong partner at your side providing professional support from the very beginning.

We will bring in our full **expertise** before implementing turn-key solutions. Proactive **support** is provided by us at all times after commissioning. We simply always provide competent **enlightenment** regarding the possibilities and limits of an in-line quality inspection. The result: a reliable partnership which already begins prior to the purchase, extends over the complete life cycle of your HEUFT systems and ensures their full **performance** sustainably.

This minimises the total cost of ownership (TCO) and generates simply more added value, competitiveness and productivity with maximum product quality!



Foreign object inspection

HEUFT *eXaminer II* XAC

Simply detecting more: full container inspection with pulsed X-ray technology based on the HEUFT *SPECTRUM II*

Foreign objects and packaging defects are a real safety risk. The HEUFT *eXaminer II* XAC identifies them reliably and removes the jars and cans of food affected consistently. The end of line system based on the highly automated HEUFT *SPECTRUM II* device platform achieves an unequalled performance with sustainably optimised pulsed X-ray technology. The audiovisual HEUFT *NaVi* user guidance makes error-free operation simply easy.

Your benefits

- effective protection against product recalls and liability cases
- continuous complete inspection of the total container volume with unique X-ray strobes
- very clear, high-resolution X-ray images without distortions or motion blurs with minimum radiation
- maximum detection reliability and minimum false rejection rate due to the HEUFT *reflex²* real-time image processing system with learning ability
- automatic brand and program changes and extensive audiovisual step-by-step assistance

Discover more: heuft.com



RELIABLE IDENTIFICATION OF

- glass splinters •
- stones •
- base chips •

OTHER OPTIONS

- closure faults •
- glass defects •

Top-down foreign object inspection

HEUFT *eXaminer^{II}* XB

Simply detecting more: top-down inspection with pulsed X-ray technology based on the HEUFT *SPECTRUM^{II}*

Identifying dangerous foreign objects and defects in drinks packs, pouches, flow packs and solid products reliably. The HEUFT *eXaminer^{II}* XB carries this out easily, carefully and with unequalled reliability. The highly automated, self-explanatory top-down foreign object inspector achieves a new dimension in precision, flexibility and range with optimised pulsed X-ray technology. With the innovative end of line system based on the HEUFT *SPECTRUM^{II}* even the continuous examination of particularly large-sized products is simply easy.

Your benefits

- maximum detection reliability for maximum product safety
- minimum radiation exposure due to optimised pulsed X-ray technology
- continuous complete inspection of large-sized products
- significantly reduced false rejection rate due to the HEUFT *reflex²* real-time image processing system and individual teach-in
- easy operation due to the highly automated HEUFT *SPECTRUM^{II}* platform with self-explanatory HEUFT *NaVi* user guidance

Discover more: heuft.com



RELIABLE IDENTIFICATION OF
glass splinters •
metal parts •
stones •

Code verification and product tracking

HEUFT *tracer D*

Preventing drug counterfeiting: code checking and real-time data management.

The HEUFT *tracer D* carries out the verification of the contents and the precise grading of discreet 2D matrix codes on pharmaceutical primary packaging as well as continuous product tracking including real-time data management. The result: full traceability for effective protection against counterfeiting.

Your benefits

- reliable protection against product counterfeiting
- precise grading of GS1 codes in accordance with ISO / IEC 1515
- code verification suitable for oRABS, cRABS and isolators
- optical all-around inspection for full detection reliability – even for unaligned containers
- optimal traceability due to permanent monitoring and real-time data management in accordance with 21 CFR Part 11



RELIABLE IDENTIFICATION OF

- codes which cannot be reread
- incorrect code as far as contents

OTHER OPTIONS

- cracks and defects
- closure faults

Leakage check for aerosol cans

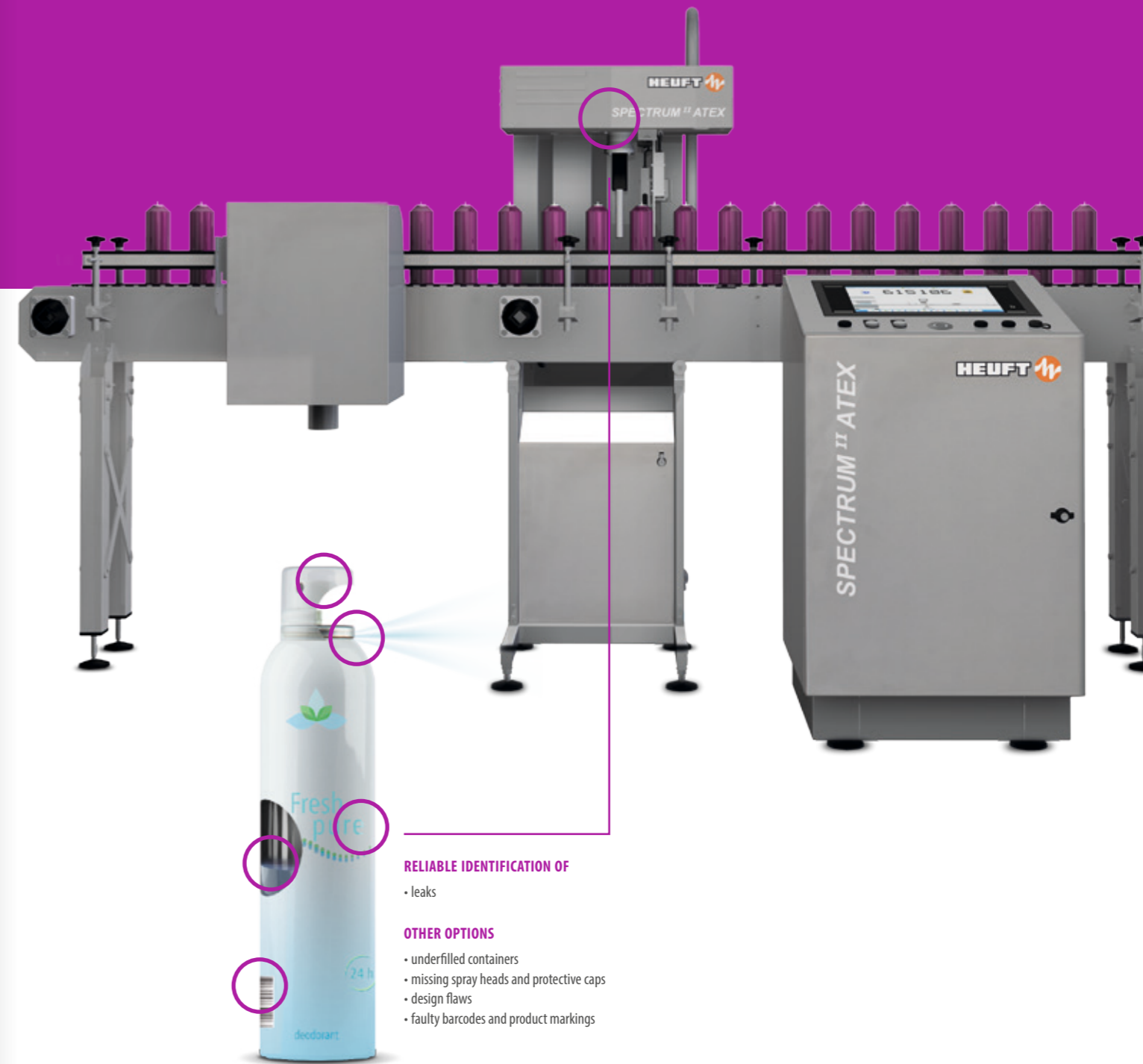
HEUFT *SPECTRUM II* ATEX

Leak detection in an explosive atmosphere: checking aerosol containers without risk.

It becomes dangerous when the highly explosive propellant escapes. Furthermore leaks threaten the steadiness of aerosol cans. The HEUFT *SPECTRUM II* ATEX developed especially for the aerosol industry tracks down leaking aerosol cans using ingenious laser technology. The compact straight-through system can be used in potentially explosive areas without any risk and has what it takes to make lengthy and energy-intensive water bath checks superfluous.

Your benefits

- effective contribution to product safety
- a 100% non-contact inspection of each individual aerosol can
- highly precise container tracking, inspection and rejection in the Ex area
- state-of-the-art quantum cascade laser technology
- highly automated HEUFT *SPECTRUM II* system with self-explanatory HEUFT NaVi user guidance



RELIABLE IDENTIFICATION OF

- leaks

OTHER OPTIONS

- underfilled containers
- missing spray heads and protective caps
- design flaws
- faulty barcodes and product markings

VISIT US IN OUR CUSTOMER CENTER



SHOWROOM

Experience the complete range of HEUFT solutions in action: our arena with almost 1,000 square metres of exhibition space provides you with the perfect conditions to convince yourself of the superior performance of our inspection and quality assurance systems – even with live tests using products from your own portfolio upon request.

Visit@heuft.com | +49 2636 56 0



TRAINING

The right know-how for reliable operation: experienced experts will provide you with all the knowledge you need in order to safeguard the functionality and availability of your HEUFT system sustainably in the HEUFT Training Center – not only theoretically but also directly at the device!

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SERVICE

The nerve centre for a proactive customer service: our service control centre coordinates all the services on your premises from online remote maintenance with the HEUFT *TeleService*, the HEUFT *PhoneService* up to HEUFT *DirectService* visits – for a worldwide 24/7 support.

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CONFERENCES

From seminar room to auditorium for 199 guests: we are pleased to make our premises containing state-of-the-art multimedia equipment available to customers and partners for meetings and events – including a tour of the premises, specialist lectures and practical presentations!

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GLOBAL PLAYER

● HEUFT Subsidiaries ● HEUFT Partners



HEUFT SYSTEMTECHNIK GMBH

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