

PERFECT QUALITY
FROM THE BEGINNING TO THE END

From bottom to top, from inside to outside, from empty to full, from open to sealed, from bad to good, from contaminated to pure, from holey to tight, from defective to perfect and from premium to standard. Indeed from A to Z:

HEUFT safeguards quality during the filling of returnable PET from the beginning to the end. Non-brand, severely misshapen, contaminated and defective empty bottles are reliably detected and removed even before they can put downstream machines out of action. The empty bottle inspector only allows PET containers through after

the cleaning process which can be safely filled. An inspection is carried out as soon as the drink is inside that the quantity is correct and the bottle does not leak. Finally a detailed examination of all the closure elements ensures the integrity of the packaging and the unadulterated purity of the end product.



SHOWROOM TRAINING SERVICE CONFERENCES

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.

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!

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.

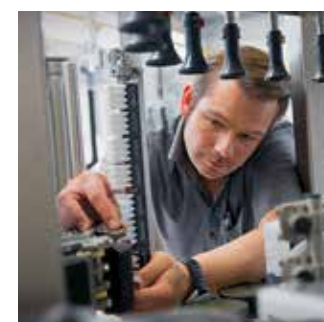
From seminar room to auditorium for 199 guests: we are pleased to make our premises containing state-of-the-art multimedia equipment available to customers and partners for meetings and events – including a tour of the premises, specialist lectures and practical presentations!

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Perfect PET!

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HEUFT InLine IS

Empty PET bottle inspection with servo technology.

Full coverage

Continuous complete inspection of empty PET bottles for the reliable identification of residual liquid, contamination, mould, foreign objects, stress cracks, defective neck rings as well as finish and thread faults including soiled and damaged vent slots.

Intelligent assessment

HEUFT *reflex*² image processing system and smart algorithm in order to combine the results of a precise scuffing, crack and base wear detection for the reliable identification and evaluation of returnable PET bottles which are too old and no longer useful.

Exact adjustment

Servo-controlled fine bottle alignment for even more precision during the all-around inspection and automatic adaptation of the transport and detection units for straightforward brand and format changes.

Space-saving and clean

Compact construction (actual area < 1 m²) in accordance with the hygiene-optimised HEUFT *CleanDesign*.



Washing machine infeed check based on the

HEUFT SPECTRUM II

All-around inspection of returnable PET bottles even before cleaning.

Full line efficiency and full productivity

Effective protection against productivity thwarting standstills to the bottle washing machine and other downstream devices due to the timely sorting out of unsuitable PET bottles.

Maximum packaging and product safety

Reliable identification and early rejection of empty bottles which are non-brand, oversized, misshapen, closed, extremely soiled and contain dangerous residual liquids or foreign objects not removed during cleaning.

Maximum detection reliability

Powerful sensor technologies, high-resolution optics and real-time image processing system. Innovative camera technology especially for the specific detection of non-brand label remains, imprints and embossing as well as the reliable determination of the colouration and exact quantity of residual liquid on the base of the bottle.

Simply automatic

Maximally automated HEUFT SPECTRUM II system with automatic vertical and guide rail adjustment as well as the self-explanatory audiovisual HEUFT *NaVi* user guidance.

HEUFT squeezer II QS

Highly automated leakage check based on the HEUFT SPECTRUM II.

Leakproof packaging and pure contents

Reliable detection of minute leaks in filled bottles made of PET and other plastics for the sustainable safeguarding of packaging and product integrity.

Full stability

Precise measurement of the internal pressure of the container for stable full containers which can be optimally transported and stored.

Outstanding detection reliability

Comparative fill level detection in a non-compressed and compressed condition for maximum precision when identifying leaks.

Reliable and easy operation

Maximally automated HEUFT SPECTRUM II system with self-explanatory audiovisual HEUFT *NaVi* user guidance.



HEUFT FinalView II CAP

Detailed closure inspection based on the HEUFT SPECTRUM II.

Full closure safety and maximum product integrity

Continuous all-around inspection of closures and their safety elements.

Superior detection accuracy

Reliable identification of non-brand, canted, defective, leaking and incorrectly positioned closures as well as the clear detection of thread faults and damaged tamper evident and neck rings.

Individual and flexible

Different detection modules for specific tasks from inspecting colour logos to checking the closure alignment with millimetre precision.

Highly automated and self-explanatory

Brand changes at the push of a button and audiovisual step-by-step assistance for utmost operational reliability.