miho Inspektionssysteme

Fill level control miho Newton HF 2

Newton HF 2

Advantages

- **Fill level control via high frequency technology**
- **Control of under- and over filling**
- **No ionizing radiation, thus suitable for organic certified businesses**
- **Temperature compensation**
- **Versatile combination with further miho inspection equipment possible**

Function

- To check the fill level for any under filling and over filling in transparent glass and PET bottles, easy handling.
- The inspection is carried out by using a high-frequency measurement method (HF). The system compensates for any fluctuations in temperature through self-calibration.
- Comprehensive statistics for individual types of faults are available. A serial fault detection is implemented. Connection to an external production data acquisition system is possible.
- The inspection head can be adjusted when changing the bottle type by using the height adjustment. The point of installation is normally at the outfeed of the filler, as long as it is a non-foaming product, or at the outfeed of the labelling machine.

Technology

- miho master: Standardized FPGA control module in stainless steel housing with 5.7“ colour display and touch function
- Multilingual user interface (choice of languages), password protection
- Test rejection after manual request with programmable number in conjunction with a miho filler monitoring system, the miho FM 2
- Adjustment to different bottle types by using the height adjustment of the inspection head
- Floating contact for „system ready to operate/line shutdown“
- Connection data: 230 VAC / 50 VA

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Newton product family

Other fill level controls of the miho Newton product family:

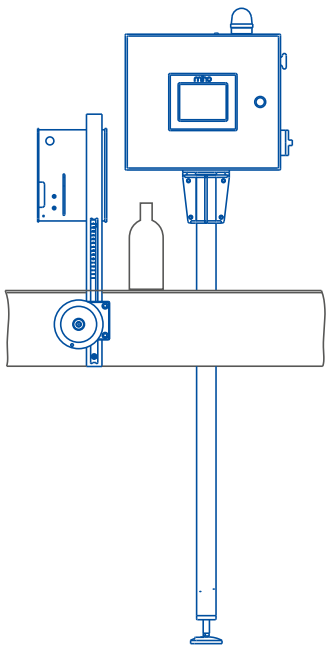
- X-ray fill level control miho Newton X2P
- X-ray fill level control miho Newton X2Z
- Infrared fill level control miho Newton IR 2
- Camera based fill level control miho Newton Optics 3

Reject systems

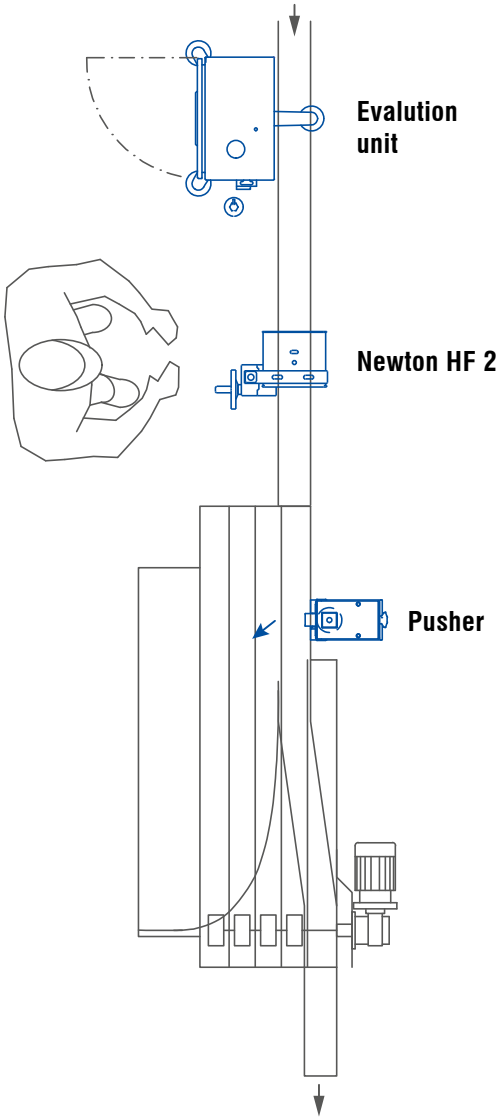
- High Speed Pusher miho HSP
- Linear segment reject system miho Leonardo M
- Multiway reject system miho HSPM

Network Integration

- Diagnosis and online help through separate remote maintenance module
- Production data acquisition miho AWeS via Weihenstephaner Standard
- Intermediate storing of the operating data in case of failure of the existing network connection



Exemplary layout of Newton HF 2



Exemplary layout of Newton HF 2

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