

Fill level control **miho** Newton IR 2



Newton IR 2

Advantages

- **Fill level control via infrared absorption**
- **For spirits, liquids with pulp or wetted bottle neck**
- **For opaque containers**
- **Under fill and over fill independently adjustable**
- **Easy handling**
- **No ionizing radiation, thus suitable for organic certified businesses**
- **Versatile combination with further miho inspection equipment possible**

Function

- To check the fill level for any under filling and over filling in glass and PET bottles, easy handling. The inspection is carried out by an infrared measuring method (absorption) by two independently adjustable measuring spots. Optionally, the bottle can be inspected for the presence of the cap. The point of installation of the fill level inspection unit is usually at the outfeed of the filler or the outfeed of the labelling machine.
- Comprehensive statistics for the individual types of faults are available. A serial fault detection is implemented. Connection to an external production data acquisition system is optional.
- The inspection head can be adjusted when changing the bottle type via a height adjustment. In addition, the measurement point for overfilling can be manually adjusted independently of the measuring point for underfilling.

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 FM2
- 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

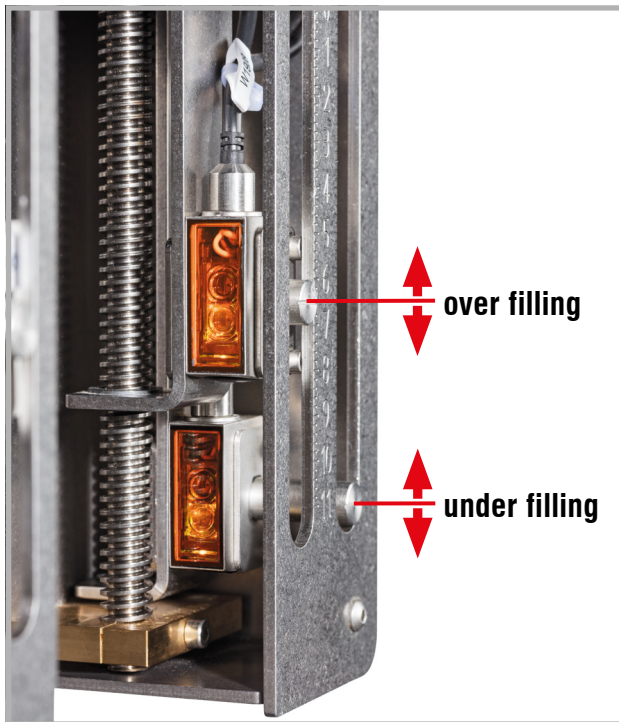
Newton product family

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
- High frequency fill level control miho Newton HF 2
- Camera based fill level control miho Newton Optics 3

Network Integration

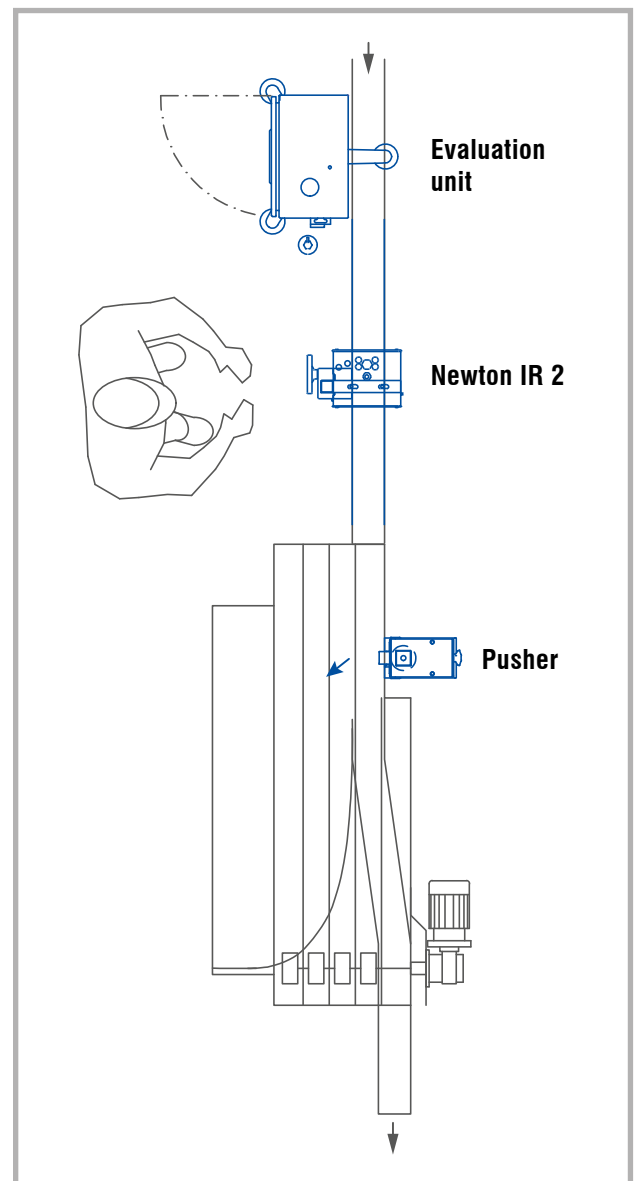
- Diagnosis and online help through separate remote maintenance module
- Production data acquisition miho AWeS via Weihenstephaner Standard
- Intermediate storing of the operating data in case of failure of the existing network connection



Adjustment of the inspection head for under- and over-filling

Reject systems

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



Exemplary layout of miho Newton IR 2