

Fill level control **miho** Newton X2P



Newton X2P with one inspection head

Advantages

- **Fill height control via X-ray technology**
- **Universal: any container type, any product**
- **Long life cycle of the emitter**
- **Electronically shuttered X-ray emitter**
- **Minimal radiation, no shielding necessary**
- **Extendable with second inspection head for over fill detection**
- **Versatile combination with other miho inspection equipment possible**

Function

- To check the fill level for any under filling in containers such as bottles, carton packaging and beverage cans, regardless of the product or the label (metal foil is also possible). Broad spectrum of applications: even foaming products to be controlled!
- The measurement is based on an X-ray technology especially developed for this purpose. Minimum radiation exposure, since pulsed X-ray radiation is only generated at the short moment of measurement. The radiation emission is typically below the naturally occurring levels in enclosed spaces.
- 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.

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
- Adjustment to different bottle types by using the height adjustment
- Comprehensive container type specific statistical functionality
- Test rejection after manual request with programmable number in conjunction with a Miho filler monitoring system, the Miho FM2
- Floating contact for „system ready to operate / line shutdown“
- Connection data: 230 VAC / 100 VA

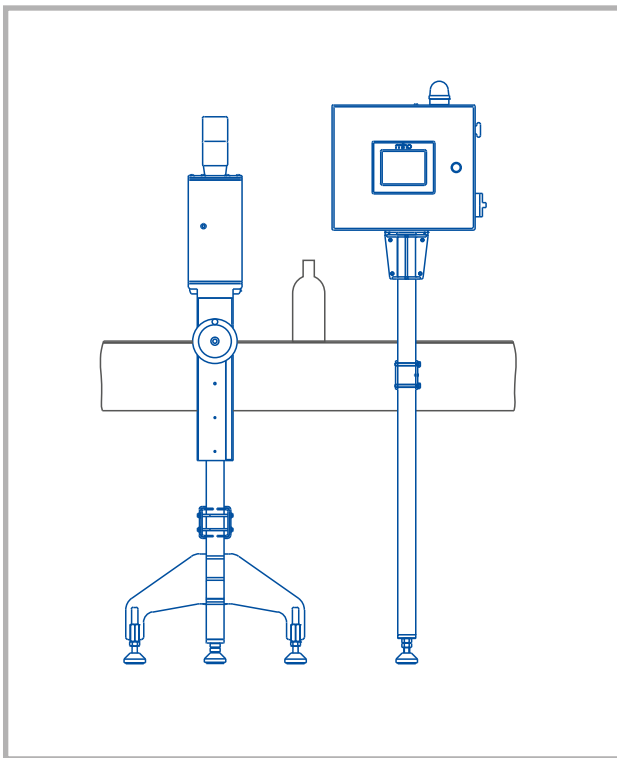
Newton product family

Other fill height controls of the miho Newton product family:

- X-ray fill height control miho Newton X2Z
- Infra red fill height control miho Newton IR2
- High frequency fill height control miho Newton HF2M
- Camera based fill height control miho Newton Optics 3

Network Integration

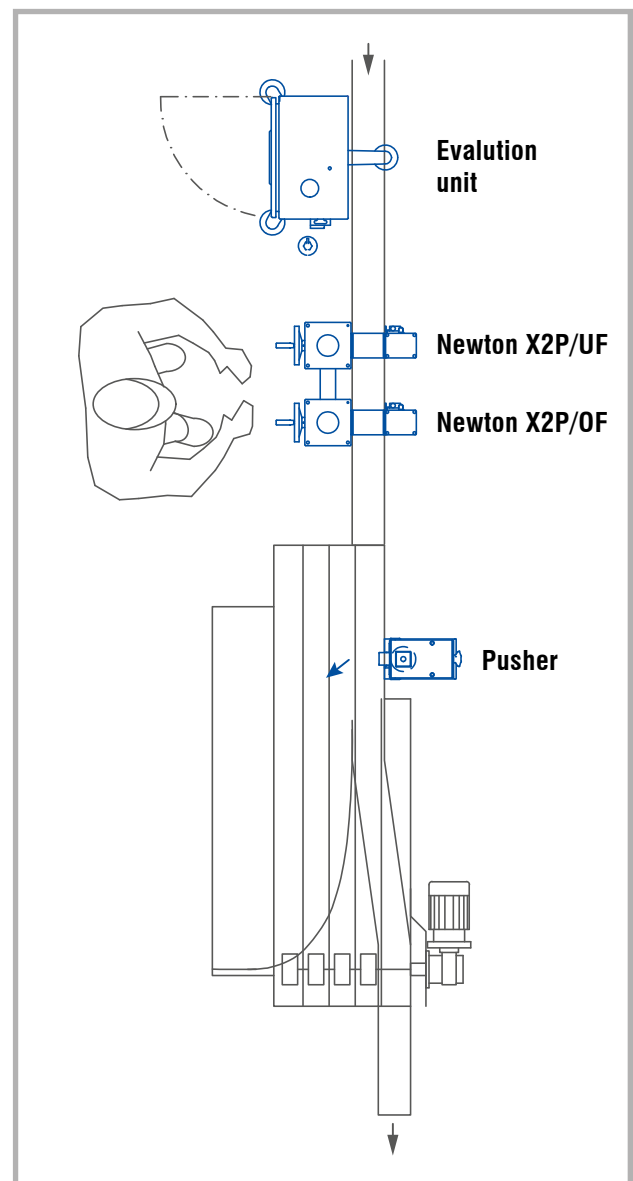
- Diagnosis and online help through separate remote maintenance module
- Production data acquisition miho AWeS via Weihenstephaner Standard
- Intermediate storing of the operating data in case of failure of the existing network connection



Exemplary layout of miho Newton X2P

Reject systems

- High speed pusher miho HSP
- Linear segment reject system miho Leonardo M
- Multiway reject system miho HSPM



Exemplary layout of miho Newton X2P with two inspection heads for under- and over fill