

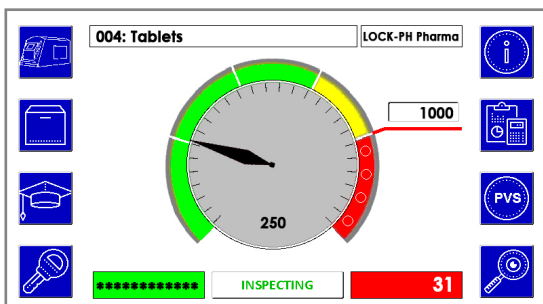


# IQ4 LOCK-PH Pharmaceutical - Metal Detection

Designed for the Pharmaceutical Industry

## Product Highlights

- Designed for inspecting tablets and capsules after the tablet press and de-duster process
- Throughput up to 30,000 tablets / capsules per minute
- Best in class calibrated detection levels from 0.22mmFE, 0.28mmNFE, 0.37mm St/St (optimum performance)
- Gas strut stand frame offering exceptional manoeuvrability making it convenient for use with all leading tablet presses and encapsulation machines
- Four password protected security levels are provided for Operators, Supervisors, Engineering and Administration with unique individual access controls, with specific user preferred languages
- Full IQ, OQ, PQ validation documents and certification
- Design and construction compliant to NEMA 4X / IP66



### 7" Touchscreen with a new easy to use interface

The new large standard 7" colour touchscreen ensure simplicity of operation and setting up of products and changeovers can be achieved effortlessly.



### Digitally embedded self calibration tool

LOMA's unique software can constantly monitors the frequency and signal to continuously optimise the units detection performance. Additionally, the unit provides a easy to view health check screen so you always ensure your machine is working perfectly.



### Auto Learn Provides Simple and Fast Set-up

The LOCK-PH will automatically set-up and store 200 different pre-sets, calibrating for product environment or effect as product passes through the metal detector.



### Easy to Clean and Maintain

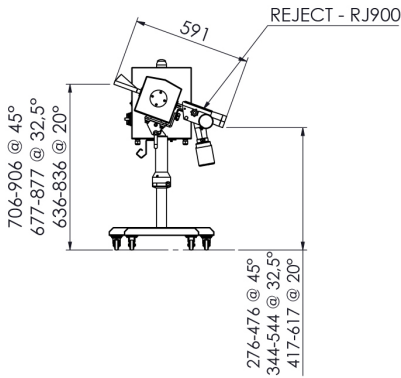
The LOCK-PH is fully GMP compliant and is made with a mirror polished finish with no dust traps.

# Technical Specification

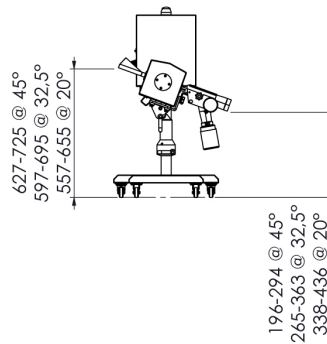
Material of Construction	304 polished Stainless Steel with 316 mirror polished Stainless Steel reject and all parts are FDA, EU approved and certificated.
Single Frequency	1MHZ - and staggered frequency option for multiple machines
Supply Voltages	110 - 250V AC 50/60Hz
Power Consumption	20VA
Temperature Range	10°C TO 35°C (14°F to 95°F)
Humidity	0 to 95% Relative Humidity (Non-condensing)
Environment	IP66
PVS Enabled	Yes
Ethernet Capability	Yes
USB Capability	Yes

## IQ4 LOCK-PH SYSTEM 95x22 HEAD APERTURE

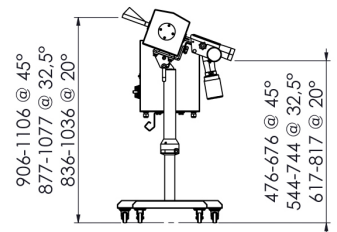
Standard Line



Low Line

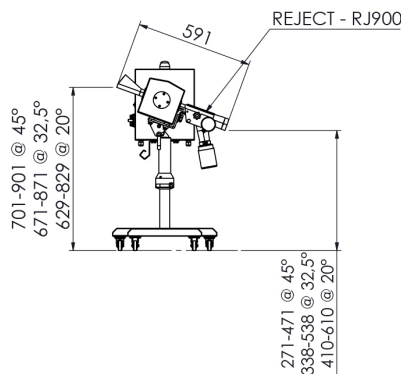


High Line

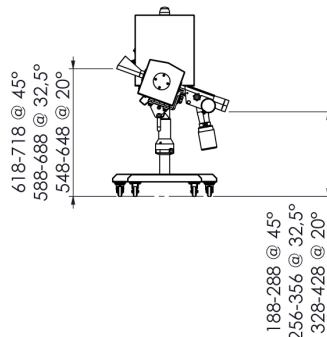


## IQ4 LOCK-PH SYSTEM 95x38 HEAD APERTURE

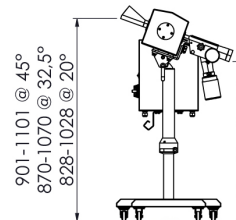
Standard Line



Low Line



High Line



All dimensions in mm, drawing 's based on Insight model. LOCK-PH drawing available on request.

## Automatic Reject Options

The IQ4 LOCK-PH Pharmaceutical can be supplied as standard with either a 316 stainless lift flap or diverter reject with square or round outlet. WIP dust tight for de-duster applications are also available.



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