

VIEWMAX

*An innovative 360-degree inspection system
for empty HDPE bottles*



SIDEWALL / NECK / THREAD INSPECTION

A strictly accurate advanced design vision system inspecting for imperfections and pinholes on sidewalls, neck and thread of empty HDPE bottles, all up to 24,000 items/ hour.

QUBBER
INSPECTION SYSTEMS

VIEWMAX

Inspections

Bottlebody

- ▶ Non transparent impurities
- ▶ Deformations
- ▶ Burnmarks
- ▶ Pinholes

Neck

- ▶ Ovality
- ▶ Internal diameter
- ▶ Flashing

Thread

- ▶ Contamination
- ▶ Dimensions fluctuation
- ▶ Damaged thread

Special characteristics

- ▶ All-surface 360-degree inspection of empty lightweight HDPE bottles regardless of the size
- ▶ Detection of non-transparent spots and pinholes with very small dimensions
- ▶ High accuracy and repeatability
- ▶ Completely automated for easy integration into existing production lines
- ▶ Integrated vacuum conveyor belt synchronized with the line speed
- ▶ Integrated screw conveyor synchronized with the line speed
- ▶ Motorized height adjustment
- ▶ Operating performance up to 24,000 items/hour
- ▶ Remote access and technical support
- ▶ 18 months warranty
- ▶ Based on QUBBER EYE Q holistic vision platform

Options

- ▶ Rejection device
- ▶ Rotating HMI console
- ▶ Data exchange
- ▶ Statistical software QUBBER Q-Report
- ▶ Multi-language interface



Specifications

Ambient Temperature	0° C to 45° C
Ambient humidity	95% RH or less (non- condensing)
Construction	Stainless steel AISI 304L
Image acquisition sensors	High- resolution industrial cameras (x8)
Processing unit	High performance industrial computer
HMI	15" industrial touch screen, front panel NEMA4/ IP65
Lighting	Long- life industrial LED lighting
Conveyor type	Vacuum belt conveyor
Electrical Requirements	120 – 230 VAC, single phase
Operating speed	Up to 24,000 items/ hour