

# Product Information Sheet

## Automatic TQ Lab



The Automatic TQ Lab is a fully configurable system capable of measuring Thread, Body, Thickness, Internal Diameter, Top Load, Volume, Weight and Burst Pressures.

### Key Benefits

- › Worlds only Fully Automatic Aerosol Inspection Laboratory
- › Providing over 8,000 measurement data points across the full range of Dimensional and Destructive module options
- › All required inspection features completed in one system, reducing testing time, equipment requirement and floor space
- › GaugeXplorer operating system, enables fast part program generation completed on the gauge, Industry Standard and programmable features can be renamed to local measurement feature requirements at customers facility
- › CSV data output and flexible formatting for input in to local data handling/control systems at customers facility
- › Remote support package, which includes automatic gauge monitoring and reporting back to Torus for proactive response
- › Measurements traceable and certified to UKAS standards, with internal Torus annual calibration recall system, for continued measurement assurance
- › Configurable conveyor options, for batches of up to 50 components, with interchangeable pallet options specific to the customers aerosol portfolio

### Technical Specification:

Component Materials	Aluminium/Steel
Component Height Range	80 - 400 mm
Component Gripper Pickup Height	75 - 395 mm
Component Outer Body Dia. Range	Ø 15 - Ø 160 mm
Component Internal Neck Dia. Range	Ø 15 - Ø 45 mm
Component Outer Neck Dia. Range	Ø 18 - Ø 54 mm
Component Weight Range	5 - 3000 g



**POWER**  
100-240 Volts /  
50-60 Hz



**WATER**  
1-2 BAR / 60-120ppm /  
0.2mS-0.8mS



**COMPRESSED AIR**  
6 bar / 87 PSI



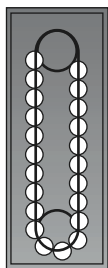
**DIMENSIONS**  
(W) 2930mm x (H) 2280mm  
x (D) 2020mm



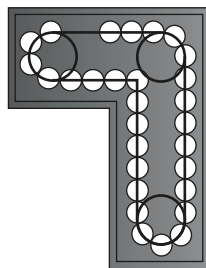
# Customise your Gauge

Our modular gauge setups are unique and allow you to customise your gauge, giving you the flexibility to ensure you have a total quality solution.

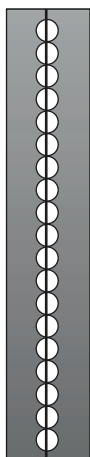
Add your **conveyor**...



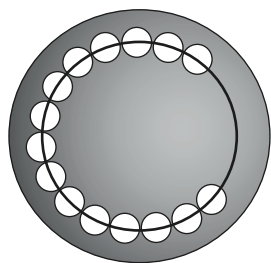
**Standard Conveyor** -  
20 pallet conveyor



**L-Conveyor** -  
30/40/50 pallet options



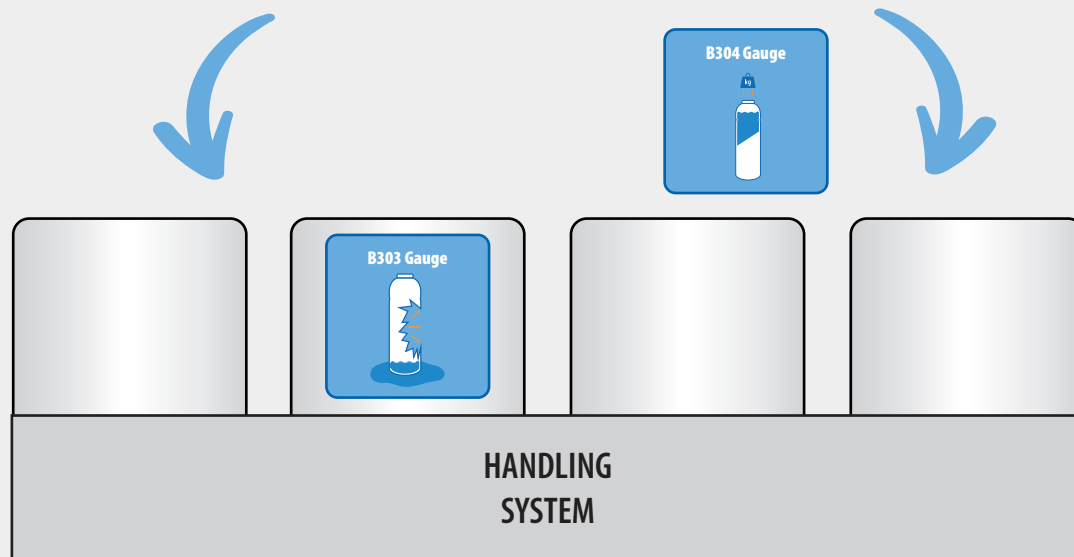
**In-Line System** -  
Auto load conveyor



**Index Conveyor**

Choose from a range of conveyor options, and finally choose your modules (a minimum of a 2 station configuration through to a maximum of 4).

Choose your **modules**...



**2-4 Station Configuration**

Handling is **automatically configured**