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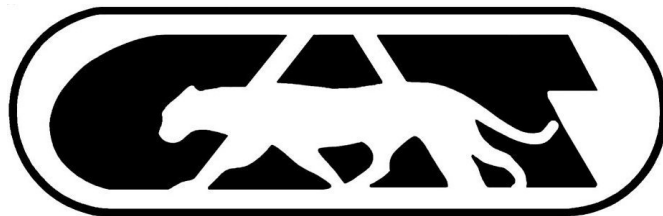
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CURTIS FLOW COMPARATOR WITH OPTIONAL BACK PRESSURE

A highly accurate yet low cost inspection machine for comparing components with calibrated masters.

Manual loading with results displayed at eye level and a foot print of just 600 x 600 mm.

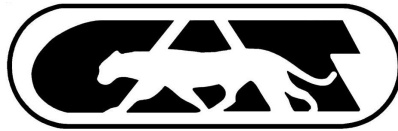
Temperature compensation maintains accuracy.

SPECIFICATIONS:

- Flow - 0.3 – 3.0 litres/min
- Accuracy – Gauge accuracy R&R less than 7% for nominal 0.6 litre/min with $\pm 1\%$ tolerance
- Cycle Time - 15 seconds - simple flow test
- Low Maintenance
- Basic Tooling Included
- Full Documentation Supplied
- Flow against back pressure available as an optional extra
- Optional fixed lift tooling for needle/nozzle assemblies.



Curtis Flow Comparator with optional back pressure control

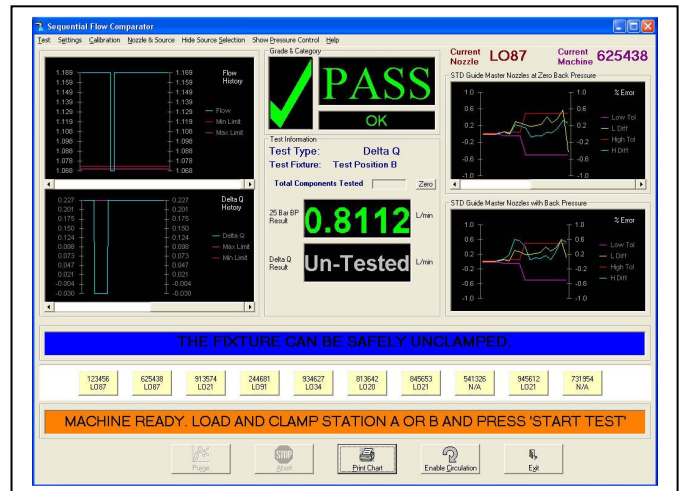


CURTIS FLOW COMPARATOR WITH OPTIONAL BACK PRESSURE

Combining highly accurate flow testing with low costs and ease of use makes the Curtis Flow Comparator an unbeatable asset. Flow ranges of between 0.3 – 3.0 litres/min with a resolution of 0.0001 litres/min can easily be set using either of the two optional front ends.

Calibration against master components gives a typical repeatable and reproducible accuracy of less than 7% while flowing at 0.6 litres/min (nominal) with $\pm 1\%$ tolerance and cycle time of 15 seconds for a simple flow test rising to 25 seconds for a dual test with back pressure (available as optional extra) make the tests fast as well as accurate.

Flexible options for the Human Machine Interface and multiple user levels with password control make operation easy and quick to learn. Results can be sent to an attached printer or as an optional extra imported directly in to Microsoft[®] Excel or similar for study and electronic storage.



Graphical Interface shows real-time charts, historical trends and component grades



Test Fixture and Basic Tooling

The manually loaded, ergonomically designed, test fixture is supplied with a basic tooling set. This can be changed quickly and simply forming a flexible machine capable of testing a range of product types. Extra sets of tooling manufactured to your custom specification can be quoted for upon request.