

## Automatic foam porosity tester

for monitoring the porosity of flexible, cellular polyurethane, according to AS 2282.14, ASTM D3574 - Test G, ISO 7231, BS EN ISO 7231, DIN EN ISO 7231, EN ISO 7231 and JIS K 6400.



### Advantages:

- Capable of measuring viscoelastic foam
- Fast results automatically
- Quick and easy process
- Useful for quality control
- Accurate, repeatable test results
- Easy to use
- accuracy
- Reduction of waste

The machine determines how easily air can escape through the cellular structure. The airflow value can be an indirect measurement of certain cell structure properties. The F0031 foam porosity tester model has been manufactured in relation to international standards for measurements of flexible cellular test pieces, 50 mm x 50 mm x 25 mm, which are placed in a vacuum chamber cavity and a specified constant differential air pressure is applied. The F0031's Pa pressure can be set digitally on the display. When the FPT reaches the Pa automatically, the air flow rate is locked at the set Pa and is held on the sweep display to automatically complete a test in seconds.

### Features:

- Touch screen operation
- Digital pressure gauge: 0 - 500 Pa +1 %
- Variable Pa range
- Automatic Pa control
- Holds automatic flow measurement
- Selectable units L/min, CF/min
- RS232 data output command
- Various flow ranges available
- Test area: 50 mm x 50 mm x 25 mm