

PANDA FOR DUCT LEAKAGE TESTING

MKL adds the PAN341 to their range of HVAC testing equipment.



MKL's PANDA being used for testing at a client site



Sturdy and transportable, the PANDA goes where you need it

“The PANDA has been a welcome addition to our range of HVAC test equipment. We are now able to offer duct leakage testing as a service with a professional machine and the PANDA made this easy – the launch of a new service with a minimum of setup fuss. We see many duct systems that are poorly sealed with leakage well in excess of standards’ requirements. Duct leakage testing keeps installers on their toes while also providing a level of comfort to the consultant and client.”

Jeremy Lawson, Managing Director, MKL HVAC Engineers

The customer

MKL is a Wellington-based company specialising in commercial HVAC commissioning and balancing. Their focus is to supply clients with independent, accurate and professional system commissioning and reporting.

The project

To expand on their range of offered services, MKL required a duct leakage tester to quantify and rectify air leakage in duct systems for their clients. Duct leakage results in more air and energy being required to maintain building design conditions and can significantly increase operating costs and decrease comfort levels, as well as introduce unwanted contaminants.

Our solution

Simple to set up and easy to fit in the back of a vehicle, the PAN341 (or PANDA) provides positive and negative duct leakage testing in one rig. The PAN341 meets AS4254.2-2012 Ductwork for air-handling systems in buildings 2.1.2 Rigid ductwork testing parameters, and offers fast, accurate duct leakage application to automatically compare the actual leakage flow with the maximum allowed leakage flow for EN12237, EN1507, EUROVENT 2/2 and SMACNA standards.

The outcome

By using the PANDA, if the leakage falls outside the specified allowance, their contractors can seal the leaks from the ducts and remeasure until the leakage falls below the specified allowable leakage standard, correcting the system and reducing operating costs.

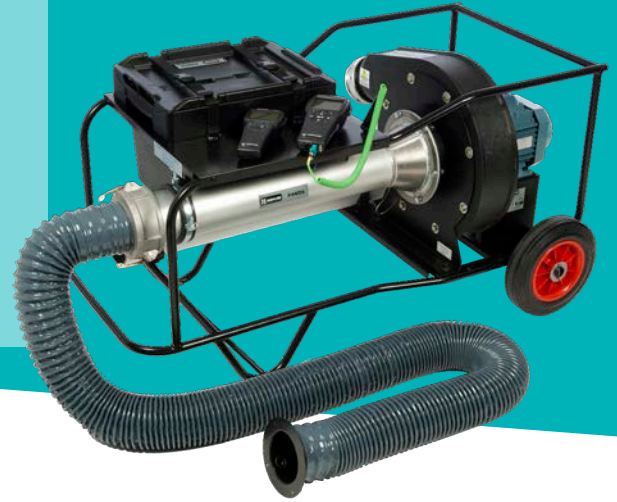
Are you a TAB and commissioning contractor and looking for an accurate, easy to use duct leakage tester? Contact our team to find out how the PANDA can help your business.

+61 3 9873 1022
sales@kenelec.com.au
www.kenelec.com.au



WHY CHOOSE THE PANDA?

- User Friendly
- PASS/FAIL real-time results
- Powerful blower builds up the static pressure fast, allows for longer sections to be tested!
- Easily switch from Positive Pressure mode to Negative Pressure Mode
- Easily switch from high flow mode to low flow
- Rugged industrial and transportable construction



Our company:

Established in 1962, Kenelec Scientific is one of Australia's leading scientific and environmental technology companies. Based in Melbourne, with distributors located throughout Australia and New Zealand, we are industry leaders in the supply of globally sourced, latest generation technologies at competitive prices.

Our services:

Sales

Buy the latest equipment from some of the most trusted brands in the industry.

Rental

Rent or rent-to-buy the latest instruments for the duration that you need them.

Calibration

Professional calibration of your instruments in our accredited laboratories.

Validation

Wide range of validation services to ensure compliance with regulations.

Service & Repairs

Local after-sales service and support from our experienced technicians.

Education

Product education and support available in-house, onsite or online.

Financing

Secure your equipment without relying on up-front capital funding.

What is duct leakage?

- No duct system is airtight, as leakage increases, more air and energy are required to maintain design conditions
- Duct leakage increases operating costs, and affects the ability to meet design airflow, temperature and RH
- Migration of unwanted contaminants (lab exhaust, hospital, industrial processes)

Why do we need duct leakage tests?

- Meeting standard requirements (e.g. AS4254.2-2012, SMACNA), test mandates for duct systems over 3,000L, and engineering design specifications
- Enhancing energy savings
- Controlling the migration of contaminants

Who uses a duct leakage tester?

- Mechanical/Sheet metal contractors and fabricators
- Commissioning/ acceptance tests engineers
- Designer engineers
- HVAC manufacturers
- TAB, R&D engineers



See for yourself 

Watch a step-by-step guide on how to operate the PAN341.



We look forward to working with you.



FS 605267

Kenelec Scientific Pty Ltd | ABN 88 064 373 717
23 Redland Drive, Mitcham VIC 3132
p 1300 73 22 33 | e info@kenelec.com.au | w www.kenelec.com.au

KS PROJECT | PANDA MKL | DEC21

