



# Industrial Research Technology

*system integration specialists*



# About us

**Industrial Research Technology (IRT)** was founded in 1989 to provide technically advanced testing equipment to the automotive and related industries.

Early in the development of the company **IRT** specialised in pressure testing systems. This included pressure actuated brake testing equipment and pressure decay leak testers.

**IRT** built up expertise in mechanical and fluid power design and LabVIEW programming. With a growing reputation for developing more sophisticated technology **IRT** commenced building brake testing systems.

These were sold in Australia and the USA and led to one of **IRT's** products becoming the Ford Motor Company's global standard for calliper residual drag measurement.

In 2004 **IRT** was appointed the Australian and New Zealand sole distributor for the world leading leak testing company Cosmo Instruments of Japan. Cosmo is highly recognised as a global supplier, with Toyota Motor Corporation being an important customer.

**IRT** now uses its vast experience in pressure testing to supply Cosmo Instruments leak test technology to a wide array of industries including electronics, pharmaceutical, medical and automotive.



**Alberto Gerosolimo** - IRT Managing Director



## Leak Testers

**IRT** is the sole supplier of Cosmo Instruments pressure leak testers in Australia and New Zealand. Cosmo has an extensive product range with advanced and innovative technical features. Their pressure leak testers are used in many industries and in a wide range of applications. **IRT** is able assist with the selection of the most appropriate model for your specific application.

Contact us now for immediate assistance for your leak testing requirements.



# Our Products



## For Pressurised Parts

### LS-R700

Compact pressure leak tester with a focus on user-friendliness. The LS-R700 is equipped with an extensive array of functions and is capable of many types of applications.



### LS-R900

Refined design and easy to operate. Cosmo Instruments presents this new generation of pressure leak tester. The LS-R900 is a technically sophisticated, fully featured pressure leak tester.



## For Sealed Parts

### LS-R740

This pressure leak tester is ideal for testing water-proof products which require an IP rating or many other sealed products. The LS-R740 has a large array of features, including a colour touch screen and an intuitive user interface.



### LZ-1555

The Cosmo LZ-1555 is a fully integrated pressure leak testing system. It incorporates a Cosmo pressure leak tester, the mechanical structure, product capsule, control system and automation needed to operate a pressure leak test. The LZ-1555 is ideal for testing water-proof products which require an IP rating or many other sealed products and particularly suited to customers that prefer a complete leak test solution.



### LZ-3000

The Cosmo LZ-3000 is a fully integrated, pressure leak test system that incorporates a Cosmo pressure leak tester. The LZ-3000 is particularly suited for micro electronic parts with a high-volume production rate. The LZ-3000 includes all the mechanical structure, product capsule, control system and automation needed to operate a pressure leak test.

# System Integration

**Industrial Research Technology** has all the skills required to integrate a Cosmo leak test instrument into a fully functioning, process line capable, leak test system.

We have had over 25 years experience in the supply of high technology, high quality, special purpose machinery.

- ✓ **Mechanical CAD**
- ✓ **Electrical Circuits**
- ✓ **Fluid Power Circuits**
- ✓ **Control Software**
- ✓ **Jigs & Fixtures Manufacture**
- ✓ **Control System Manufacture**

