

NASA inspired Multiple-sensor technology

What does it for you? -

The key component in all 'pressure decay' leak testers is the pressure transducer.

All pressure transducers drift for a variety of reasons, but 'generally' this drift is small enough not to cause a problem.

We don't like the word 'generally', particularly when describing equipment used for testing containers that might contain hazardous chemicals.

Our technique to solve the problem is deceptively simple:

***HAVE A NUMBER OF TRANSDUCERS
MEASURING THE SAME PRESSURE***

By adding their signals together you get a more accurate pressure measurement.

By comparing their *difference* you get an early warning that a transducer is drifting.

In the event that the drift is significant a warning is given on the display and an amber beacon light is lit.

Again, our unique Dual-Core processor allows us to do these complex mathematics without any effect on the sequence of the rest of the equipment.

NASA believes that multiple sensors are essential for reliable measurements and fail-safe operation.

We believe that reconditioners of 'UN' containers need confidence in their leak testing equipment.

Now you can have it, but at prices that are not out of this world !

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LEAK TESTING RECONDITIONED CONTAINERS - WHAT'S NEW ?

Almost everyone knows that leak testing has moved on considerably from the primitive method of pressurizing a container and waiting to see if the pressure drops too much.

The need to find ever smaller holes, logging test results for anti-litigation defense, and automatic diagnostics has driven us to launch the AQS-2 Dual-Core Dual-Sensor leak tester for industrial containers

The AQS-2 leak testing system, with user-friendly touch screen, introduces a new level of performance and reliability.

Using the NASA principle called 'redundant control' we use multiple sensors. This brings an unprecedented level of confidence to the testers performance and calibration.

NASA inspired multiple sensor technology - Increases accuracy, reliability and confidence

- ***Unique Dual-Sensor Self Checking Technology***
- ***Latest 'Dual Core' Technology***
- ***Fast Analog Processing***
- ***Touch Screen***
- ***Spare Control Capability For Future Expansion***
- ***Real Time Clock - test results are time and date stamped***
- ***Meets UN & DOT***

DUAL CORE PROCESSOR = BETTER PERFORMANCE & BETTER REPEATABILITY !

We offer Semi or Fully Automatic Leak Testers for IBC's, Open and Tight Head Drums and Jerry Cans



A.Q.S.
AUTOMATIC
QUALITY
SYSTEM

WHY DUAL-CORE PROCESSOR?

Detecting small leaks by measuring pressure decay needs fast analog signal processing mathematics - something PLC's are not designed for.

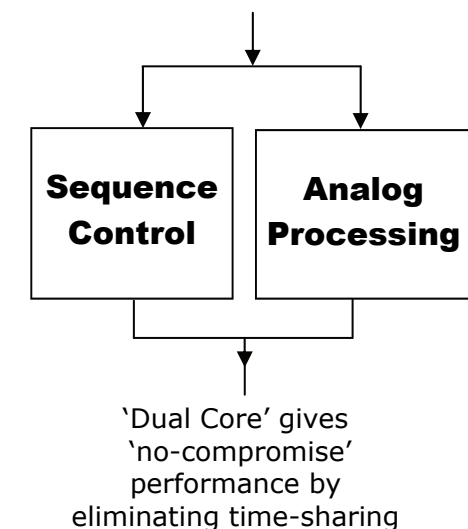
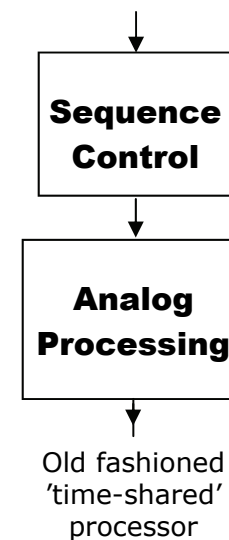
But PLC's are excellent for sequence control like getting switch inputs and turning on valves.



'Conventional' leak testers use a single processor and accept the compromise between the two tasks.

We don't compromise - in our Dual Core processor the analog and sequence tasks are performed independently by each processor.

No matter how complex each task is, the other is unaffected.



Next Generation

Leak Testing System