

AQS-2 - ADVANCED BOTTLE LEAK TESTING

What can the AQS-2 do?

- **Leak test**
- **Automatic check-weigh**
- **Top Load strength**
- **Log all test results**
- **'Recipe' for fast changeover**
- **Automatic die-gap correction for constant bottle weight**
- **Colour and Translucency**
- **Can control bottle trimmer and collating tables**
- **Controls ancillary functions e.g. bottle merging, box movers**
- **One control unit for separate leak testers on twin-station machines**

For more information contact

BMC Controls Ltd.
Silk Mill Lane, Winchcombe, Gloucestershire GL54 5HZ, UK
Phone 01242 604040 Fax 01242 603987
E-mail sales@bmc-controls.co.uk

Developed specifically for leak testing bottles up to 10 Litre our new 'state of the art' AQS-2 leak testing system with dual-core processor and user-friendly touch screen introduces a new level of performance and reliability.

Built on the success of our *Automatic Quality System*, the world's first tester to integrate all leak test and bottle collating functions, our AQS-2 system leapfrogs existing technology to bring you the perfect combination of price, performance and features you won't find in any other tester.

At last -- a bottle leak tester that is user friendly and *really works*

- ***Latest 'Dual Core' technology***
- ***Fast Analog processing***
- ***Ladder diagram PLC programming***
- ***Free programming Software***
- ***Touch Screen***
- ***Serial and Modbus interfaces***
- ***Real time clock***
- ***88 I/O ports gives massive control capability***



DUAL CORE PROCESSOR = BETTER PERFORMANCE + BETTER REPEATABILITY !

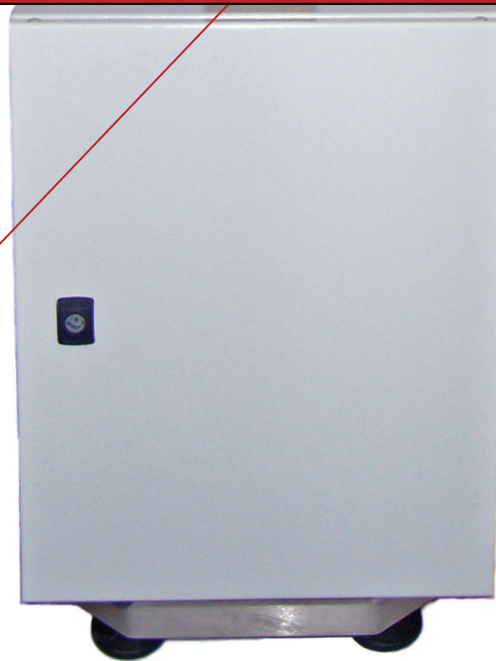
User Friendly



Touch Screen,
Tons of Spare
I/O, End-User
Programmable



New Laser-Cut
Stainless Steel
Conveyor



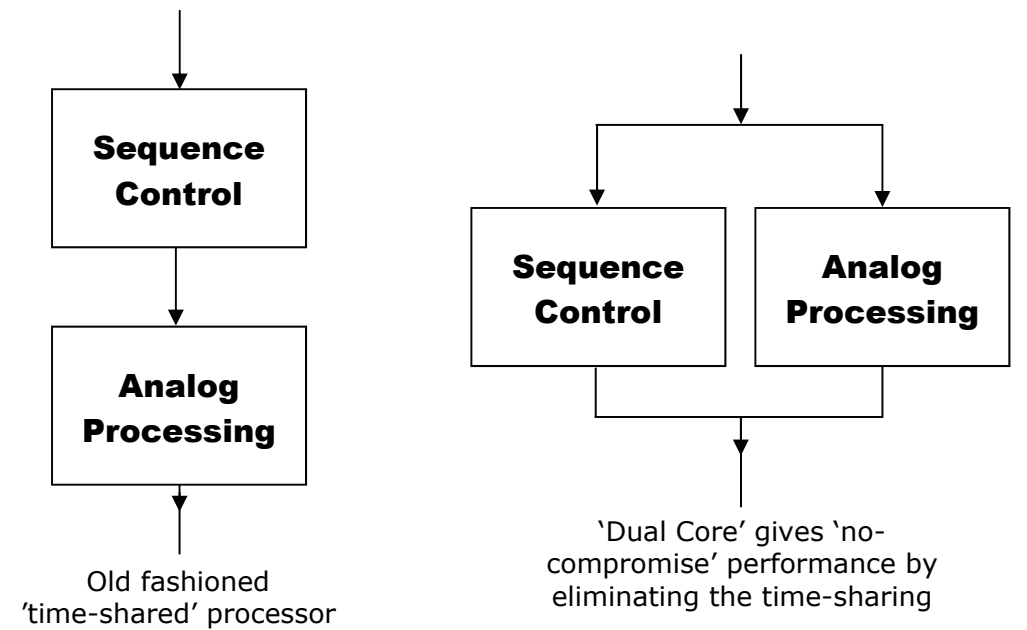
Up To 8 heads
with Unique
SureSeal[®]
self-aligning
test head

Why *DUAL-CORE* Processor?

Detecting 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' 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.

It doesn't matter if you have a 1,2,3 or 8 head leak tester, with sequential blow off and full control of the trimmer indexing motor - there is *no compromise* in performance.



A.Q.S.
AUTOMATIC
QUALITY
SYSTEM

Next Generation Leak Testing System