AUTOMATIC CHECK-WEIGHING

NEVER SHIP AN 'OUT-OF-WEIGHT' CONTAINER AGAIN !

Containers whose weight falls outside of specifications is one of the most common causes of customer complaints.

Although we always recommend that you investigate the cause of weight variation, it is well known that the extrusion blow moulding process is not perfectly repeatable and that some degree of variation is often unavoidable.

One solution is to weigh every container and reject any that are not within acceptable limits.

This leaflet describes our AQS-2 system. Although originally designed as a leak tester, one of the optional features - 'check-weighing' can be also supplied as a 'stand-alone' system.

Features of the AQS-2 Check-Weigher system.

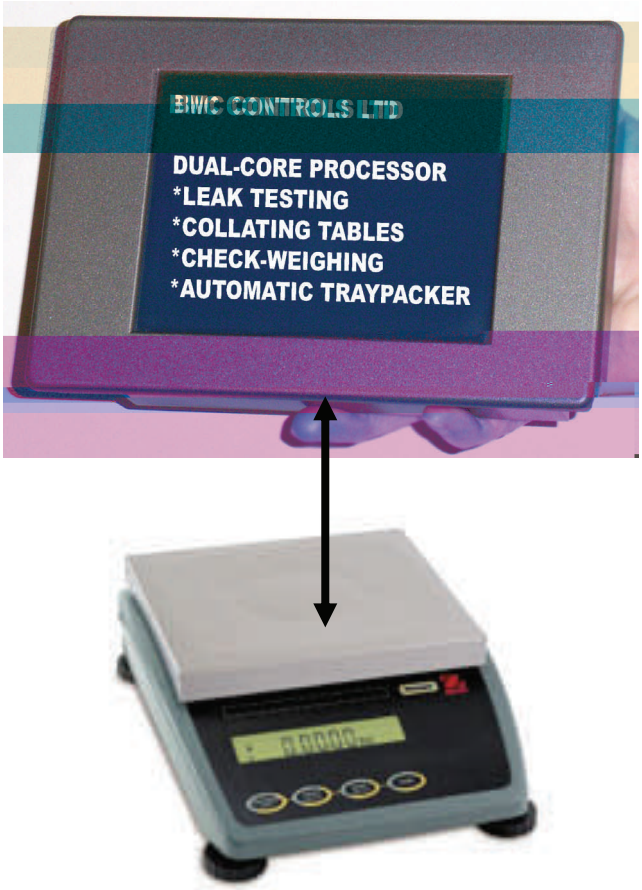
Containers outside of weight limits are rejected, and a warning is given if 'N' containers fail consecutively.

An 'early warning' setting energizes a 'yellow alert' if containers fail a less critical setting.

Containers can be rejected into separate bins for failing high or low weight limits.

The touch-screen display shows actual container weight, settings, average weight and standard deviation.

The system can be interfaced to our patented "Automatic Weight Correction" feature which automatically adjusts the die gap to maintain a constant container weight



FOR MORE INFORMATION CONTACT
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Check Weighing - *How it all started . . . .*

About 20 years ago we felt that there would be a strong interest from our customers for an enhanced type of leak tester that would do much more than just find holes.
Because we designed and built our own circuit boards it was much easier for us to add sophisticated analog processing than our competitors who mostly use PLC's.
Around the same time we also added top load strength measurement as it was easy for us to monitor multiple transducers.
The development of these additional tests coincided with the trend to increasing automation as a means of reducing labour.
Additionally, the awareness of product liability meant that on-line testing gave the comfort of knowing that you would minimize expensive litigation.

In 1997 we introduced our **A**utomatic **Q**uality **S**ystem.
At this time there was no comparable product on the market, but later some imitations appeared on the market that were cobbled together using PLC's.
At that time analogue modules were horribly expensive and slow.
Even today the design inertia of the large PLC manufacturers means that the chipset is often well behind current technology.
With our new AQS-2 we have leapfrogged technology by using a dual core processor that makes conventional PLC based testers truly 'yesterdays' technology.

Next time you go to buy a new laptop or desk top computer ask the guy for last years model. It's no different than buying an on-line test system based on last years PLC. Perhaps you don't mind buying yesterdays technology.

Our products include:

P rison progr mmers
Servo v lve rep irs
Le k Testers
Check Weighers
Deform ble Dies
Bottle testers
Industri l Drum testers
Test Orifices
Coll ting T bles
Bottle Testers
Automotive component le k testers
Spin Trimmers

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