

Accelerated Paper Cup Liquid Leak Tester

Detect Leakers in Less Than 5 Seconds.

Infinite Motion Control's accelerated liquid leak tester enables you to detect paper cups that are leakers in less than 5 seconds – instead of the 20 minutes required by conventional standing-liquid leak test methods.

Employing IMC's advanced vacuum leak-testing technology, the accelerated liquid leak tester draws vacuum under a paper cup in a pocket, using a cup containing a small amount of colored liquid. In less than 5 seconds, the vacuum leak test is complete and your inspector examines the bottom of the cup for liquid penetration.

In manual mode, the accelerated liquid leak tester can even be used on good paper cups to find the weakest part of the bottom seal.

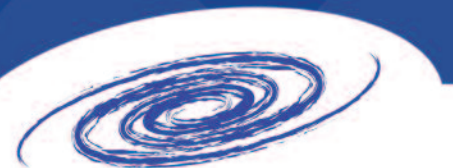
The accelerated liquid leak tester provides immediate information to your inspection personnel regarding the quality of your paper cups. That's what you need from your leak-testing equipment. And with IMC's accelerated lead time, this Infinite advantage can be in-line quickly and working for you.



www.infinitemc.com

Infinite Motion Control, Inc. an engineering company

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The Accelerated Liquid Leak Test – As Easy As it is Fast!

- A paper cup with about 1 inch of colored liquid is placed in the pocket.
- Pressing the blue *START* button begins the test.
- A vacuum is created inside the pocket and around the paper cup.
- The vacuum leak test takes less than 5 seconds.
- When the vacuum leak test is complete, the inspector examines the cup for leaks.

Why Wait 30 Minutes to Know If You're Making Good Cups?



Conventional standing leak tests require 20-30 minutes. This channel leaker was detected in 5 seconds.



The accelerated liquid leak test shows liquid penetration from pinholes due to having the bottom heater temperature too high.

We'll Tailor Your Pockets

Send us your cup drawing. We'll make test pockets designed to perfectly accommodate your cups of any size and shape.

- Easily interchange test pockets between sizes or have multiple test stations, selecting cup sizes with the flip of a switch.
- Pockets are made from durable yet economical acetal plastic.
- Fits conveniently on any tabletop near a 110V outlet and a 60psi compressed air line.



Test Results
In 5 Seconds!



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