



providing world-class leak test and assembly verification solutions

CULTURE FLASK LEAK TESTING

Market driver:

Medical research involves the cultivation of bacteria and other substances in culture flasks. These flasks must isolate the culture from outside influences during the cultivation process that might take some time.

Test requirement:

The manufacturing process for the culture flask involves ultrasonic welding of plastic components. It is important that the weld joints be leak tight to prevent the invasion of a culture experiment by foreign elements.

CTS Solution:

Cincinnati Test Systems incorporated the flexible Sentinel I24 pressure decay instruments to a manually loaded test stand. The fixtures position the flasks for sealing and confine their shape from excessive expansion during the low pressure leak test.

