ABSTRACT

A method for sensing a leak in a unit under test includes scanning a SKU on a unit under test, sending the SKU information to a compute, connecting the unit under test to a testing apparatus, removing gas from an interior volume of the unit under test, monitoring the vacuum pressure within the interior volume of the unit under test until the vacuum pressure reaches a test pressure, initiating delivery of helium to the exterior of the unit under test through a helium gun by pulling a trigger on the helium gun to dispense helium therefrom, positioning the helium supply gun so that helium is released over a weld of the unit under test, detecting the movement speed of the helium supply gun during the dispensing of helium therefrom, and displaying the helium content internal to the unit under test on a graphical user interface.

[Figure. 1]