TITLE: Rapid Bubble Point Filter Tester
INVENTORS: Richard Martin, Jeff Liticker
TECHNOLOGY: Device

UTSD: 3225

SUMMARY:

This technology describes a device that will allow the integrity of a sterilization filter to be rapidly tested using the filter manufacturer specifications immediately after preparation of an IV mixture.

IV mixtures prepared from any non-sterile ingredients, supplies, or equipment must be sterilized prior to administration into a human. Filtration through a 0.2 micron filter is an acceptable method of sterilization. Once the product is filter sterilized, the filter must be integrity tested to ensure the product was filtered with a sterilizing filter. Filter manufacturers provide specific bubble point testers for their specific types of filters. This bubble point filter tester is portable and easy to build, set up and maintain. It can be utilized for various types of filters requiring a variety of bubble point pressure settings.

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