

PRODUCT FACT SHEET

EQP—LMF

LumiFilter™ Apparatus



Product Overview

The LumiFilter is a useful companion to Quench-Gone™ test kits when dealing with high-volume applications. Instead than manually filtering a sample using the filter, syringe, and plunger arrangement using positive pressure, the syringe and filter are attached to the LumiFilter, which is connected to a vacuum pump. The sample is then filtered by continuous vacuum suction.

Using this technique, the user no longer needs to separate the filter and plunger to filter additional sample, which results in significant time and labour savings for high-volume applications. In addition, this enables the user to filter larger volumes of water to reduce the lower-detection limit of the Quench-Gone kit, resulting in greater analysis sensitivity. This can be important in extremely low-biomass concentration samples, such as ultra pure or pharmaceutical-grade water.



Product Compatibility

For your convenience, this product is compatible with both the Quench-Gone Aqueous (QGA) and Quench-Gone Organic (QGO) test kits.

Product Features

This product is integrated into the standard Quench-Gone protocols. In addition to standard requirements of LuminUltra's test kits (test kit, luminometer, laboratory equipment and disposable equipment), a vacuum pump is required to attach to the LumiFilter and provide suction

for filtration. A graduated cylinder or beaker is also recommended to facilitate faster processing of a precise volume of sample. Please refer to the special QGA and QGO Quick-Reference Guides that include the LumiFilter adaptation for more details.



ISO 9001:2000

LuminUltra™ Technologies Ltd.
Innovative Biological Monitoring Technologies

440 King Street, King Tower, Suite 630, Fredericton, New Brunswick, Canada E3B 5H8

Tel: (506) 459-8777 Fax: (506) 453-9860 www.luminultra.com