



P4800 FILM DEVELOPMENT SYSTEM WITH TIMER

Technical and Usage Information

设置:

该系统包括一个恒温箱和一个定时器，一个型号有数字温度显示而另一个有玻璃温度计。

如果任何部件不见了，请联系GEX公司（303-400-9640）。将恒温箱放置在平整的表面上，保证其周围的空气流动性。如果配备了温度计，其是放在恒温箱里运输的。将温度计从恒温箱里取出并去除包装。按照设备制造商提供的操作说明设置恒温箱。

定时器也是放置在恒温箱里运输的，其也有其自己的使用维护说明。使用磁性附件将其贴在恒温箱的外边，它可以系上带子或独立立着放置。

应用:

当恒温箱已经稳定在期望的设定温度时，它就可以用于辐照变色剂量计的辐照后处理了。为了获得剂量计吸光度读数的一致结果，剂量计的热处理使用的是一个经确认的温度和时间范围。联系GEX公司以获取关于建立您的特殊应用场合下的B3剂量计的热处理计划的信息和帮助。

校准:

各个公司的标准操作程序都将规定各个设备的校准频率，典型的行业惯例如下：

恒温箱 – 每年，通过温度计进行性能确认。

温度计 – 每年，或更换时。

定时器 – 每年，或更换时。

保修:

薄膜剂量计颜色形成系统提供一年的厂家质保。用户更改将导致质保失效并由用户自己承担。更多信息请查看厂家质保信息。

Set-up:

The system is comprised of an incubator and a timer. One model has a digital temperature display while the other has a glass thermometer. If an item is missing, contact GEX (303-400-9640). Place the incubator on a flat, even surface, with unobstructed airflow around the incubator.

If equipped, the thermometer is shipped inside of the incubator. Remove the thermometer from the incubator and its case. Follow the instructions from the manufacturers to set up the incubators.

The timer is also shipped inside of the incubator and has its own set of instructions on use and maintenance. Attach it to the outside of the incubator using the magnetic attachments. It can also be attached to a belt or made to stand freely.

Application:

When the incubator has stabilized at the desired set temperature it can be used for post irradiation treatment of radiochromic dosimeters. To achieve uniform results of dosimeter absorbance readings, heat-treat dosimeters using a validated range of temperatures and times.

Contact GEX for information and assistance in establishing a heat treatment protocol based on your specific application of B3 dosimeters.

Calibration:

Individual company standard operating procedures will dictate the frequency of calibration of the components. Typical industry practices are:

- ❑ **Incubator** – Performance is verified by the thermometer.
- ❑ **Thermometer** – Annually, or at replacement.
- ❑ **Timer** – Annually, or at replacement.

Warranty:

The film development system is supplied with a one year manufacturer's warranty. User modifications are not warranted and are the sole responsibility of the user. See the manufacturer warranty information for more details.