



P4800 FILM DEVELOPMENT SYSTEM WITH TIMER

Technical and Usage Information

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.