

Heating Mantle



A heating mantle is a laboratory device used to uniformly heat glassware, such as flasks, without direct flame exposure. It consists of a heating element enclosed in an insulated, fabric-lined casing to provide even heat distribution. Heating mantles are commonly used in chemical, pharmaceutical, and research laboratories for heating liquids. They come in various sizes and temperature ranges, often with analog or digital controls for precise heating. Unlike Bunsen burners or hot plates, heating mantles prevent thermal shock and glassware breakage.