

Research on the exploitation and use of the Steridium automatic sterilizer

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Abstract: This topic focuses on researching and applying the Steridium automatic sterilizing autoclave in the process of food processing and preservation. The background of the topic stems from the necessity to improve sterilization efficiency and product quality in the food processing industry. The objective is to build an automatic autoclave system to enhance the sterilization process, ensuring product safety and quality. The research method combines theory with experimentation to determine the technical and economic efficiency of the equipment. The significance of the topic lies in its ability to provide a useful solution for food processing plants, contributing to improving the quality of the final product.

Keywords: automatic sterilizer, Steridium, sterilization process, food preservation, processing industry