ABSTRACT

Data Logger Temperature Meter is a device used to measure the temperature on the autoclave automatically performs storage on SD Card every one minute. Data that has been stored on the SD Card it will display the time and temperature every minute on a Personal Computer (PC).

After Only Design research is a method whereby researchers just seeing the results without measuring the previous state. But here there is already a control group, although not done randomisasi. The downside of this plan is to not know the circumstances of the beginning, so that the results obtained are difficult concluded.

Based on the measurement data and comparasion, the median average it brings an error on data temperature ±0.31% and ±10% tolerance limit of the setting, so that after the study of literature, planning, experimentation, manufacture of modules, testing tools, and logging, in general it can be concluded that 'Data Logger Temperature Meter on Autoclave' can be used and in accordance with the planning.

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Keywords : Data Logger, SD Card, Temperature