

ABSTRACT

Desalination is one of the most frequently discussed topics in the field of energy instruments. Distillation methods are very useful in everyday life such as those used in solar thermal transfer systems. But in the distillation process is often encountered problems due to changes in the intensity and influence of environmental winds. So needed a tool that can improve the desalination process to run properly. In this study, glass-based destilators were made which were designed to produce harvest water. Data retrieval is done at 3 destilators simultaneously with the thickness of the water that is differentiated. At a thickness of 2 cm (2 liters) the most water produced is 72.9 ml or 0.2209% compared to 2,5 cm and 3 cm thickness.

Keywords : *desalination, distillation, solarpowermeter*