

## ***ABSTRACT***

*Infusion is a most often used instrument in medicine and nursing academies, around 90% hospital patients receive various treatment through infusion. Syringe pump is one of the infusion method that serves to push the syringe rod, so that can generate flow rate of microliter until mililiter per minute periodically with high precision that can give the right doses to the patient. Syringe pump made in this research it has value 96.60 % accuracy and value of precision 99.24 % in supplying the flow rate at a certain time*

*Keywords: infusion, flow rate, syringe pump.*