

## **Annotation**

The master's dissertation consists of an introduction, five sections, conclusions, a list of literature and an appendix. The project contains № pages, № tables, № figures, list of used sources from № titles, № applications.

The purpose of the master's thesis is to study and expand the functionality of a turbine flowmeter in order to take into account density and mass flow. In this work, the review and analysis of existing flowmeters of liquid, which are intended for measuring mass flow, analyzed the properties of the measured medium, developed a mathematical model, calculated metrological characteristics of the flowmeter.