

Annotation

The diploma project consists of an introduction, two sections, conclusions, a list of literary sources and applications. The project contains 63 pages, 26 figures, list of sources used from 19 titles, 3 applications.

The purpose of the work is to create ultrasonic flowmeter, to do the calculations of metrological, constructive and technological characteristics of the flowmeter.

To achieve the goal, ultrasonic methods for measuring volume flow, their advantages and disadvantages are analysed.

Keywords: flowrate, liquid, ultrasonic method, time-pulse method, flow rate, pressure, ultrasonic sensor.