

Annotation

The research practice was held at the Scientific Research Center "Instruments and systems of energy efficiency" which is a science part structural subdivision of the "Igor Sikorsky Kyiv Polytechnic Institute".

The main Scientific Research Center lines of work are:

- development of modern systems design of flow rate, pressure, temperature and levels precise measurements;
- creating a model of interaction liquid flows with sensitive elements for cases steady and unsteady flow conditions;
- development of projection systems for energy carriers flow rates measurement instruments.

During practice, properties of the measured medium were explored; the mass flow measurement methods were studied; the design features of turbine flow meters and optimization methods were considered with the aim to expand the capabilities of turbine flow meters and increase their accuracy.