

## Annotation

During the practice, he became acquainted with the directions of activity of the closed joint-stock company "Ukrveskom" - the manufacture of instruments for measuring mechanical quantities.

The task of the practice was to create a measuring system for the study of the characteristics of threads of medical purpose.

To accomplish this task, the following works were completed:

1. It is considered and compared the machines of the rupture of different models and complete sets. As a prototype, the rumbler car RM-30 was selected.

2. A picked strain gauge CZL-601 beam-type transducer that best suits its characteristics: the accuracy class 0.02%, the largest measurement boundary of 30H.

3. Selected weight terminal for the future transformation of the information from the strain gauge converter and made its configuration and practical verification of its suitability for the solution of the task.

4. To protect the tensor transistor from overload, several variants of design and creation of the design documentation of the most successful ideas were considered.