

## CONTROL OF MILKING PROCESS BY THERMOENERGETICAL CHARACTERISTICS OF MILK FLOW

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**Summary.** Using mechanical cow milking systems, the insufficiency of means to ensure the control and monitoring of milking process is frequently encountered. In practice we have quite many apparatus for testing and adjusting different components of a milking system. Commonly quality of milking process can be observed only visually. In this article a control method of milking process by measuring milk temperature in a milking tube during milking time and the results, which allow us to make assumption to use this method in practice are presented. It was determined, that by measuring temperatures in all milking tubes separately, control of milking process, equality of milk flow, quality of milking tubes superposition and quality of rubber components and other factors, which in practice could help us in observation of cows illness and milking system defects.

**Keywords:** milk temperature, milking process, cows illness.