ABSTRACT


Engine development requires precise fuel metering devices. The aim of this paper is to develop a methodology for fuel consumption with AVL 7351 CME. The study explored instrument design, operation, and software use. The measuring device was installed on a rack and put in operation. In the course of the tests usage methodology of the appliance was developed with the engine test bed Schenck Dynas3 LI 250. We intend to further test the laboratory work instructions in the Engine Laboratory of Estonian University of Life Sciences.

Key words: fuel consumption, measuring device, software, methodology, engine, test.