

Device for determining the parameters of a class B fire contains a model fire source, which is made in the form of a pallet filled with a flammable liquid, a sensor and a test-impact unit. A microprocessor, a differentiation unit, an integrator, three analog-to-digital converters and three registers are introduced. The outputs of the analog-to-digital converters are connected through the registers to the input of the microprocessor, the output of which is connected to the control inputs of the analog-to-digital converters, registers and the test-impact unit. The sensor output is connected to the input of the first analog-to-digital converter, through the differentiation unit - to the input of the second analog-to-digital converter, and through the integrator - to the input of the third analog-to-digital converter.