

The invention relates to experimental installations for determination of fire dispersion under conditions of effect of deviating high-speed gas flow. The experimental unit for determination of value of deflection of impact point for strike element consists of arm simulator this is fixed by means of fixing element to holder, wind tunnel for gas outflow, this is connected to the source of high pressure by means of flexible pipe and installed in front of the shooter, and target. The installation additionally includes long guides installed on basis between arm simulator and target, long-movable platform connected to long guides, cross guides fixed on long-movable platform, cross-movable platform connected to cross guides, hinge unit fixed on the rod and connected to wind tunnel of gas outflow. The invention makes it possible to perform investigations of parameters of deflection of trajectory of motion of strike element.