

The proposed epiluminescence microscope contains a light source with self-sufficient power supply and an optical-mechanical system. As the light source, a light-emitting diode is used that provides for generating the radiation in the short-wave spectrum range. The optical-mechanical system contains a lens and an ocular that are coaxially positioned relative to each other. The ocular is coupled with a unit for recording and analyzing visual information. Between the lens and the ocular, a beam-splitter plate is installed. On the ocular, a rejection filter is installed that does not transmit the radiation inducing luminescence from the tested object.