

The proposed optoelectronic device for measuring surface tension of liquid contains a vessel for liquid, a jet pipe, an optical radiation source, and additionally, a multielement photodetector, which is arranged in line with the optical radiation source and the jet pipe. The advantage of the proposed device is that, in measuring surface tension of liquid, the data for the number of the elements of the photodetector that are exposed to the optical radiation flux are used additionally to the data for the optical radiation intensity. As a result, the measuring accuracy can be increased.