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Factors influencing on the radiation pyrometers measurement

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[accreditation](#) [calibrations and measurements of devices](#) [radiation pyrometers](#)

Abstract

Regional Office of Measures in Gdańsk Electric Metrology Physics-Chemistry, Acoustics, Vibration and Optical Radiation Division has a calibration station with calibrators type 4180 and 4181 manufactured by Fluke. The Laboratory is already performing calibrations and measurements of devices and also the laboratory is preparing for PCA accreditation in range from -15 °C to 500 °C. In the article, the remarks on the factors that most affect the radiation pyrometers measurement are presented.

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