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# The assessment of the Voice 200Ultra apparatus applicability to field investigations of air quality and odours

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### Highlights

- The Voice 200Ultra device is used for testing odour nuisance.
- The sampling process is a key issue in the characterization and measurement of odour.
- Device tested Voice 200Ultra device has very high sensitivity.

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### Abstract

The ongoing urbanisation results in the decreased distance between residential areas and odour-generating municipal facilities. Odours are one of the crucial problems for people exposed to them, both locally and nationwide. Recently Syft Technologies company has been developing a new mobile device used for investigations of odorous compounds - Voice 200

Ultra. According to the manufacturer's declaration this device offers the possibility to carry out very precise odours measurements. Thus the attempt has been made to utilise that device for investigations of odorous compounds in one of Polish town.

The primary goal of the research project has been to assess the applicability of the Voice 200Ultra method (developed by Syft Technologies) in the field odours measurements, in situ. That method is assumed to enable researchers to swiftly characterise and determine odorous chemical compounds in terms of quality and quantity.

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## Keywords

Methods; Measurement; Voice 200Ultra; Odours; Quality of life

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