

AGH Research Offer



CO₂, CH₄ i H₂O gas concentration analyser



Technical description:

The device is dedicated to precise continuous measurements of atmospheric concentrations of CO₂, CH₄ and H₂O.

Trade name: Picarro G-2311-f

More details: </equipment/picarro-g-2311-f/>

Access type: External

Type of accreditation / certificate: Not applicable

Contact person: Zimnoch Mirosław

Contact person url: <https://skos.agh.edu.pl/osoba/miroslaw-zimnoch-4207.html>

Responsible body: Department of Applied Nuclear Physics

Group / laboratory / team: Environmental Physics Group

Last update date: Aug. 22, 2023, 9:26 a.m.

Year of commissioning: 2021

IDUB research areas:

(PRA 3) Water-energy-climate: interdisciplinary approach to sustainable development

Research capabilities:

The device is dedicated to precise continuous measurements of atmospheric concentrations of CO₂, CH₄ and H₂O.

Measurement capabilities:

Precise measurements of atmospheric levels of CO₂, CH₄ and H₂O concentrations

Conditions for providing infrastructure:

The analyzer is dedicated for continuous measurements of CO₂ and CH₄ concentrations in atmospheric air at the site of its installation. It is possible to periodically perform measurements of the concentration of the above-mentioned gases in air samples delivered to the laboratory by persons trained in operation, or perform short measurement campaigns (max 2-3 days) in the field under supervision by trained persons. Release dates depend on the measurement program and must be agreed in advance.