

Interactive comment on “A new instrument for stable isotope measurements of ^{13}C and ^{18}O in CO_2 – Instrument performance and ecological application of the Delta Ray IRIS analyzer” by Jelka Braden-Behrens et al.

Anonymous Referee #1

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The paper "A new instrument for stable isotope measurements of ^{13}C and ^{18}O in CO_2 - Instrument performance and ecological application of the Delta Ray IRIS analyzer", by Braden-Behrens et al, reports on a recent commercial instrument for measurements of stable CO_2 isotopes ($\delta^{13}\text{C}-\text{CO}_2$ and $\delta^{18}\text{O}-\text{CO}_2$) and its application in a field study. This work is relevant, however it is lacking many essential elements and it is not written carefully enough. The manuscript will thus need a major revision to be considered for publication in AMT.

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Please also note the supplement to this comment:

<http://www.atmos-meas-tech-discuss.net/amt-2017-120/amt-2017-120-RC1-supplement.pdf>

Interactive comment on Atmos. Meas. Tech. Discuss., doi:10.5194/amt-2017-120, 2017.

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