

Interactive comment on “Comparison of nitrous oxide (N₂O) analyzers for high-precision measurements of atmospheric mole fractions” by B. Lebeque et al.

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I'd like to thank the authors for writing this paper. As a designer of such analyzers, I find it a pleasure to see such an excellent independent performance evaluation. I have no additional technical comments to offer beyond what has already been suggested by the other reviewers.

I do want to offer one comment related to a statement from anonymous referee #2:

"...presents a comprehensive comparison between literally all currently available measurement techniques for nitrous oxide..."

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Campbell Scientific has provided tunable diode laser trace gas analyzers for N₂O from 1993 to mid 2012, when we lost our vendor for lead-salt diode lasers. We reentered the market with analyzers using room-temperature interband cascade lasers in 2014. This period of unavailability corresponds with the measurements presented in this study.

The paper makes no claim to be all inclusive, and I simply suggest the authors not add such a claim.

Thanks again for an excellent paper.

Interactive comment on Atmos. Meas. Tech. Discuss., 8, 10937, 2015.

AMTD

8, C4427–C4428, 2015

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