

Raman lidars do not provide an absolute value of the measured quantity, but rather need to be calibrated with external measurements. Hence, a Raman profile is most often a synergy between different observation methods. Instrument synergies between Raman lidar and other remote sensing systems are described in the following references:

Marc Schneebeli: Advancements in Ground-Based Microwave Remote Sensing of the Troposphere - Calibration, Data Retrieval and Applications, Philosophisch-Naturwissenschaftliche Fakultät, Universität Bern, Bern, Switzerland, 2009

Turner, D. D., W. F. Feltz, R. A. Ferrare, 2000: Continuous Water Vapor Profiles from Operational Ground-Based Active and Passive Remote Sensors. Bull. Amer. Meteor. Soc., 81, 1301-1317

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