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# ***Interactive comment on “Real-time setup to record radon emission during rock deformation: implications for geochemical surveillance” by P. Tuccimei et al.***

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The submitted manuscript addresses the relevant scientific topic of relating the geochemical behaviour of radon/thoron with rock deformation mechanisms. The uniaxial testing apparatus, the high sensitive radon/thoron monitor and the general experimental setup are appropriate to the goal of the research, as well as the decision to study the thoron behaviour, due to its short half-life.

Technical corrections:

page 41, line 18: 'measurements needed for long counting cycles up to 200 min in

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duration that' should be replaced by 'measurement cycles lasting up to 200 min'

page 47, line 22: 'A great deal' should be replaced by 'A large number'

page 49, line 3: 'at constant relative humidity' should be added after 'detection temperature'

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Interactive comment on Geosci. Instrum. Method. Data Syst. Discuss., 5, 39, 2015.

**GID**

5, C5–C6, 2015

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