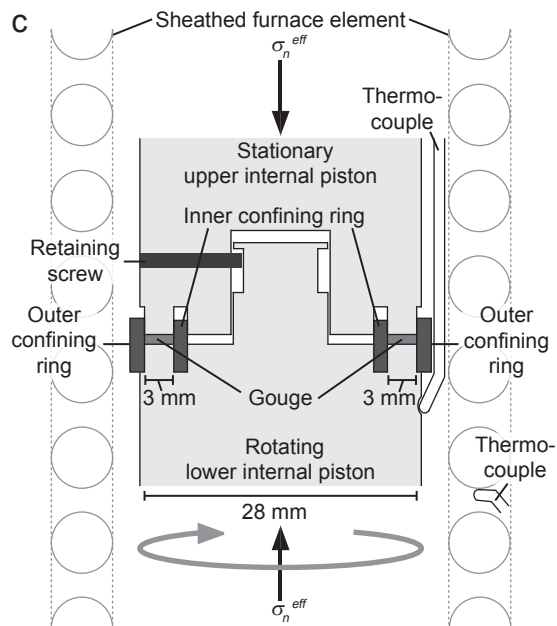
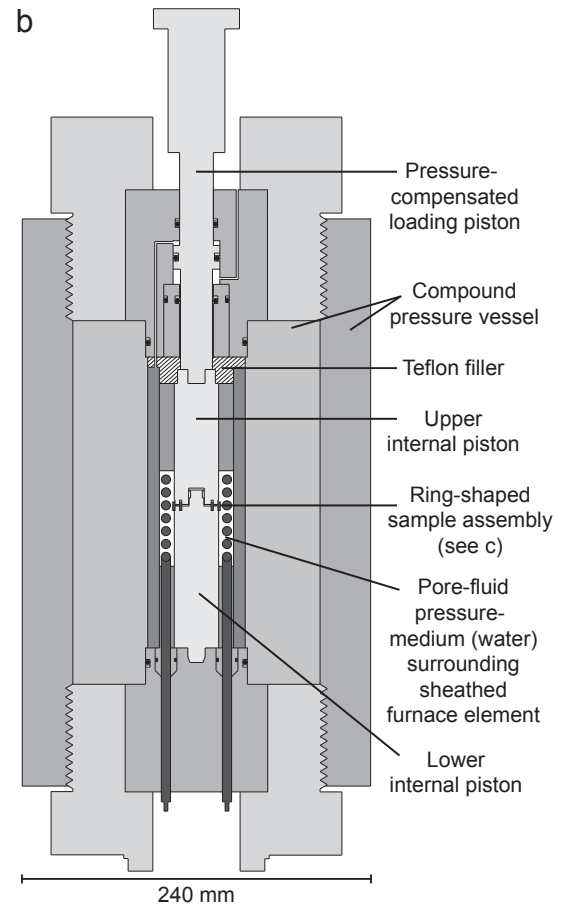
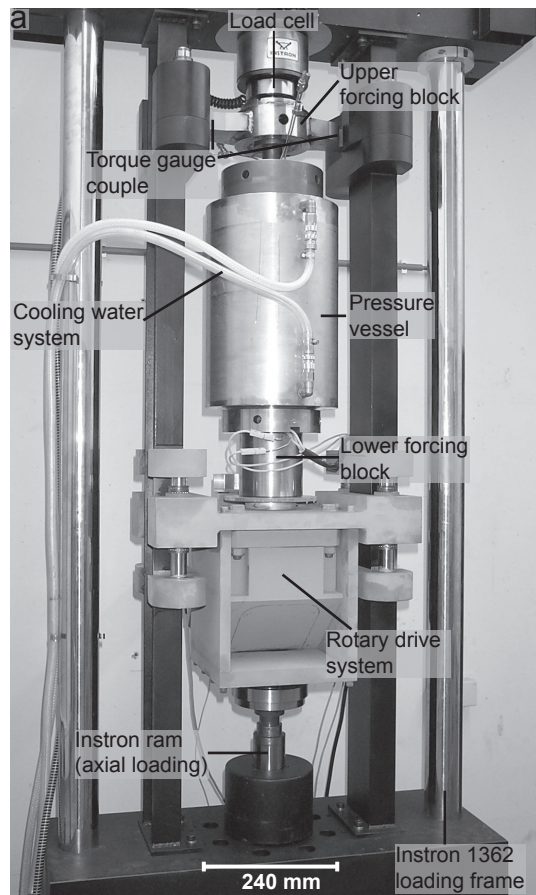




Ring shear machine used in the present study (after Den Hartog et al. 2012a). (a) Rotary shear drive system and pressure vessel mounted inside the Instron loading frame used to apply normal stress to the sample. (b) Semi-schematic cross section of the pressure vessel. (c) Semi-schematic cross section of the sample assembly. σ_n^{eff} = effective normal stress.