

Penetration of methane–oxygen flames through spherical and planar obstacles in a closed cylindrical reactor

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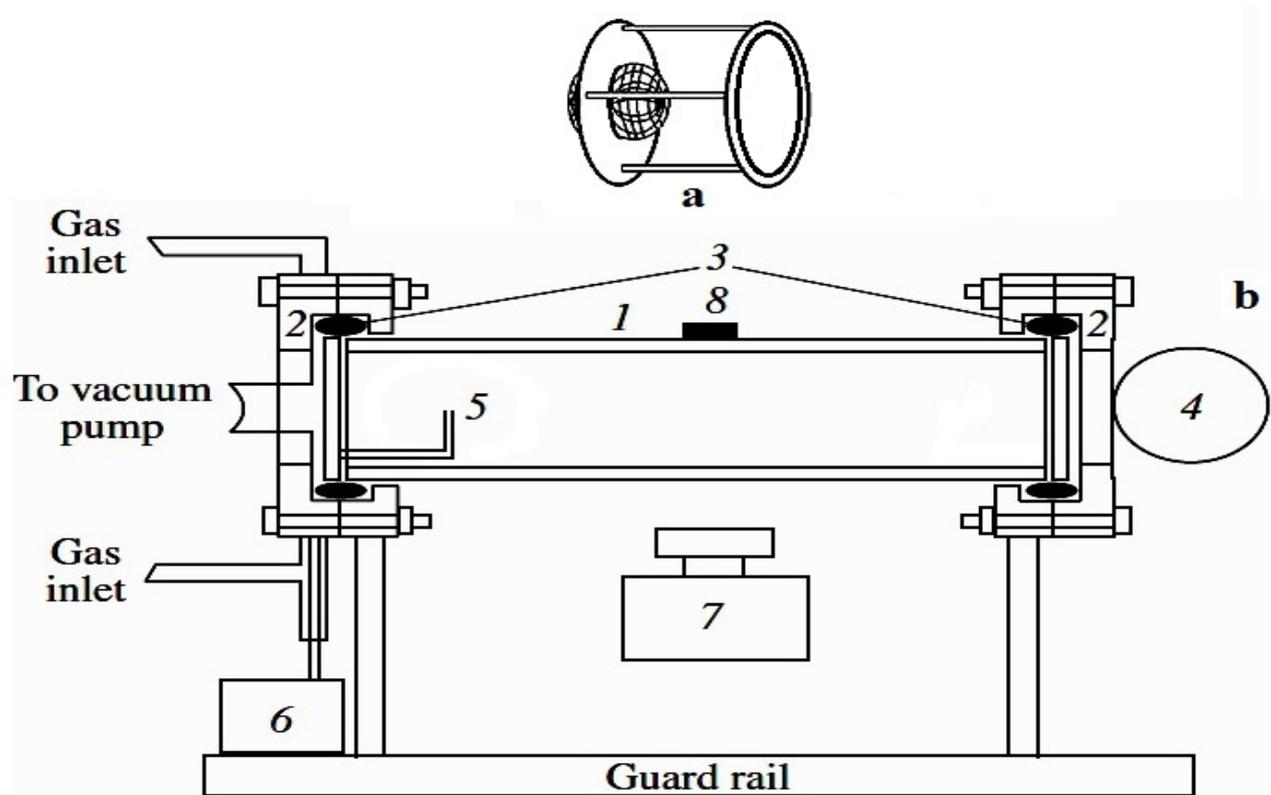


Figure S1 Experimental installation. (a) The meshed sphere of 4 cm in diameter (wire diameter of 0.1 mm, cell size of 0.15 mm²) inserted into a planar obstacle 14 cm in diameter; (b): (1) quartz reactor, (2) stainless steel gateway, (3) silicone laying, (4) stainless steel shutter, (5) spark electrodes, (6) power supply, (7) high speed color movie camera, (8) microphone.