

Ignition of hydrogen–methane–air mixtures over Pd foil at atmospheric pressure

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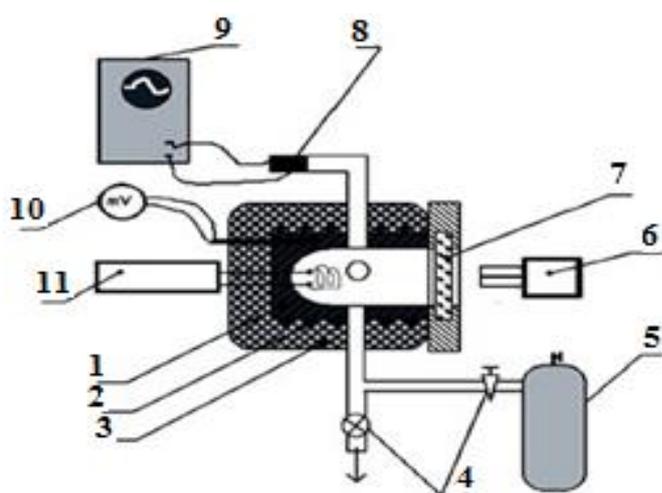


Figure S1 Schematic diagram of the experimental setup: (1) reactor, (2) electric heater, (3) thermal insulation, (4) valves, (5) mixer, (6) digital video camera, (7) optical window, (8) pressure transducer, (9) ADC–computer based data acquisition system, (10) digital voltmeter, and (11) measurement bridge, Pd foil is a bridge arm.