

TEMPERATURE MEASUREMENTS BY OH LIF AND CHEMILUMINESCENCE KINETIC MODELING FOR ETHANOL FLAMES

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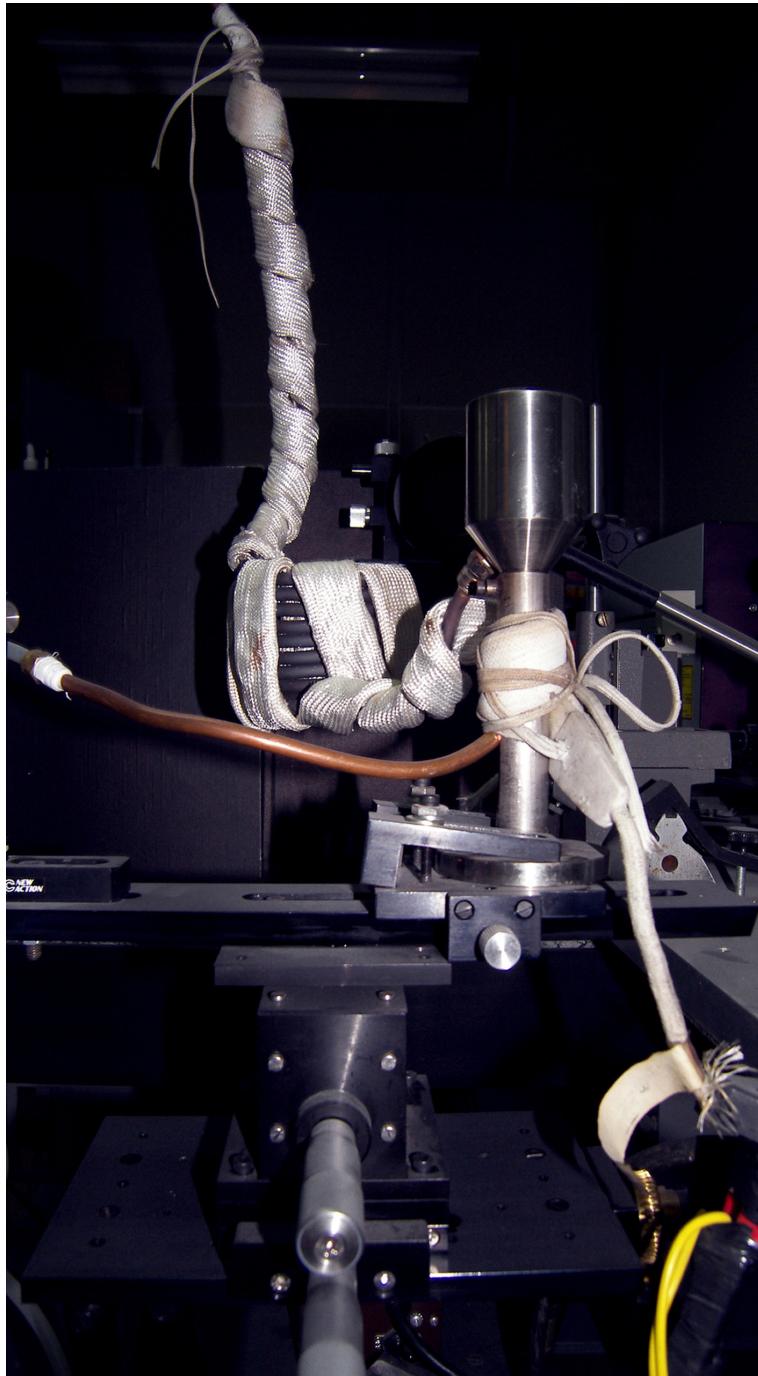


Figure IS. Photograph of the burner and its heating system to generate the ethanol vapor/ O_2/N_2 flames

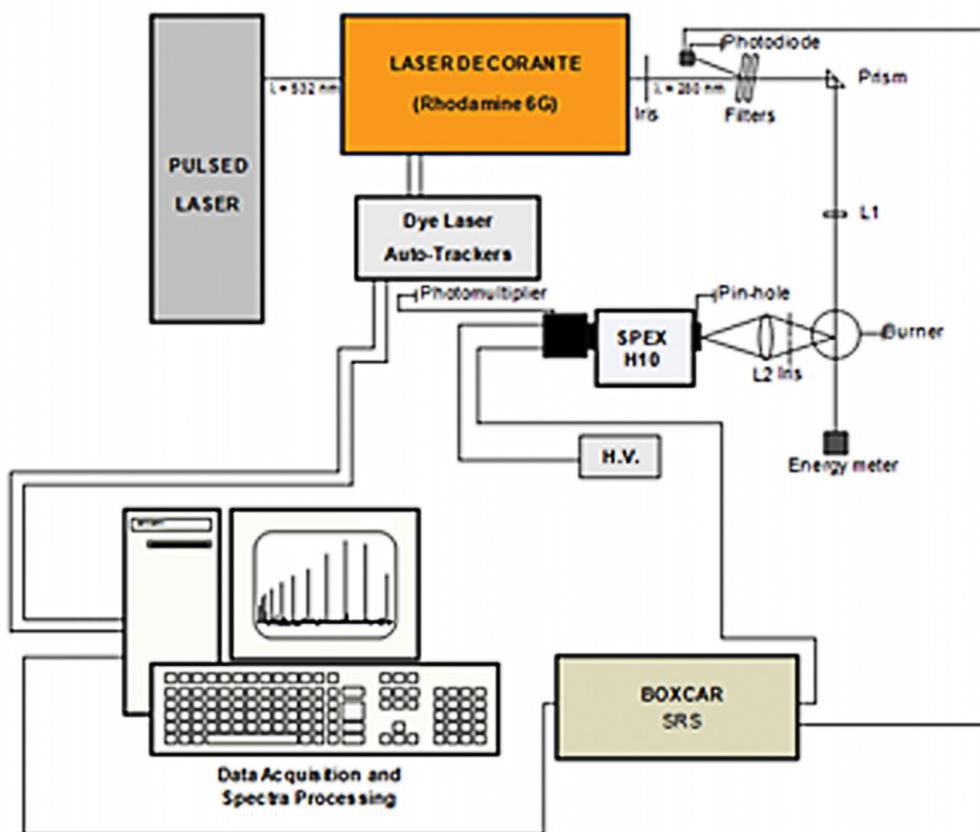


Figure 2S. OH LIF schematic diagram for temperature measurements

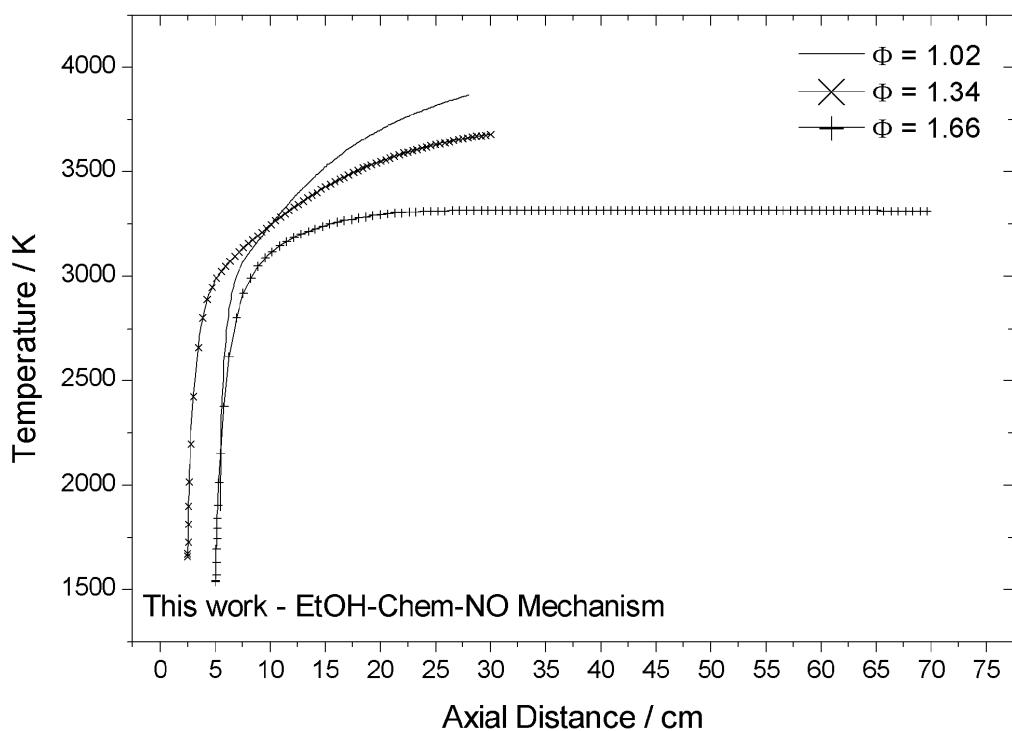


Figure 3S. Simulated temperature profiles after changes in the reaction mechanism. Rate constants of reactions (3), (4), (7), (9), (12), (14), (24), (43), (82), (88) e (98) were modified within their error limits