

Alkoxy carbonylation of aryl iodides using gaseous carbon monoxide and pre-pressurized reaction vessels in conjunction with microwave heating

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PHOTOGRAPHS OF THE GAS LOADING APPARATUS

A commercially available multimode microwave unit (Anton Paar Synthos 3000) was used for the reactions. More information on the unit and the gas loading attachments can be found at <http://www.anton-paar.com>

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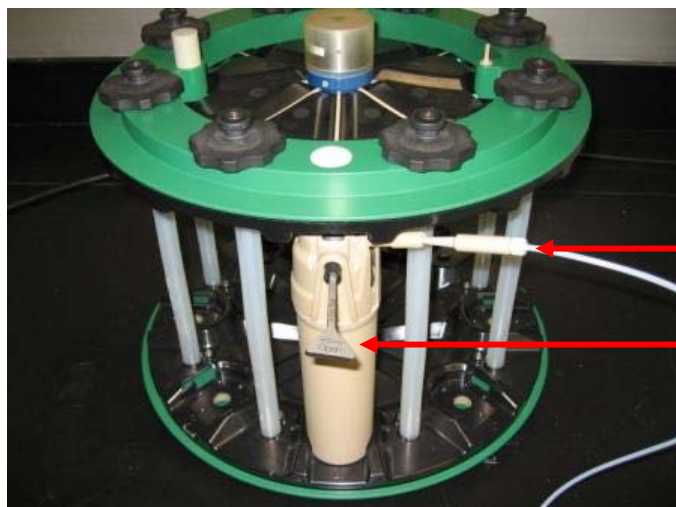
1) Reaction vessel (in outer jacket) with top and gas loading accessory attached



gas loading accessory

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2) Loading the vessel: Vessel is secured in rotor, vent screw closed and gas introduced via a narrow-gauge tubing with a bayonet fitting which locks into the gas loading accessory. Pressure of gas determined from gas cylinder regulator



narrow-gauge tubing with a bayonet fitting

vent screw