

# Lab test benches: High-flow setup



Tests of catalyst coated honeycombs  
( $d = 2.54$  cm, length < 15 cm)

Labview automatic controlled measurements  
Dosage of gaseous Formaldehyde

Temperature:	RT – 800°C
Flow:	10-100 slpm
Pressure:	1 atm
Gases:	CO, CO <sub>2</sub> , NO, NO <sub>2</sub> , NH <sub>3</sub> , C <sub>3</sub> H <sub>6</sub> , CH <sub>4</sub> , CH <sub>2</sub> O, N <sub>2</sub> , H <sub>2</sub> , H <sub>2</sub> O, Air, (SO <sub>2</sub> ), diff. HC
Gas analytics:	FTIR, O <sub>2</sub> -Magnos

Applications: DOC, SCR, ASC, gas engine, TWC

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Available for teaching, research, and service