

Lab test benches: HighFlow setup



Specifications

Gases/ species:	CO, CO ₂ , NO, NO ₂ , NH ₃ , N ₂ , H ₂ , CH ₄ , C ₂ H ₄ , C ₃ H ₆ , C ₃ H ₈ , H ₂ O, O ₂ , CH ₂ O, Air, var. HCs on request
Pressure:	1 atm
Temperature:	RT – 900°C
Flow:	10 – 100 slpm
Gas analytics:	FTIR, O ₂ -Magnos, λ -sensors

Tests of catalyst coated **honeycombs** (metallic & ceramic substrates, $d = 2.54$ cm, $l < 15$ cm)

LabView **automatic controlled measurements**

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