

Lab test benches: HighPressure 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, SO ₂ , liquid HC dosage
Pressure:	1 – 5 bar
Temperature:	RT – 650°C
Flow:	10 – 100 slpm
Gas analytics:	FTIR, pressure drop, mass spec. on request

Tests of catalyst coated **honeycombs** (metallic & ceramic substrates, $d = 2 - 2.54$ cm, $l < 6$ cm)

LabView automatic controlled measurements

Sulfur resistant equipment (pipes, reactor, analytics)

Applications: DOC, SCR, ASC, gas engines