Lab test benches: NSC setup

Specifications

Gases/ species: CO, CO$_2$, NO, NO$_2$, NH$_3$, N$_2$, H$_2$, CH$_4$, C$_3$H$_6$, O$_2$, H$_2$O, Air, SO$_2$, CH$_2$O dosage on request

Pressure: 1 – 5 bar
Temperature: RT – 900°C
Flow: 0.5 – 7 slpm
Gas analytics: FTIR, mass spec. on request

Tests of **catalyst powders** ($l = 0.5$ cm) and catalyst coated **honeycombs** ($d \leq 2.54$ cm, $l < 4$ cm)

LabView **automatic controlled measurements**

**Sulfur resistant equipment** (pipes, reactor, analytics)

**Applications**: NSC, gas engines, DOC, TWC, SCR