

# Lab test benches: DOC setup



## Specifications

<b>Gases/ species:</b>	CO, NO, NO <sub>2</sub> , NH <sub>3</sub> , N <sub>2</sub> , H <sub>2</sub> , C <sub>3</sub> H <sub>6</sub> , H <sub>2</sub> O, O <sub>2</sub>
<b>Pressure:</b>	1 atm
<b>Temperature:</b>	RT – 900°C
<b>Flow:</b>	0.5 – 10 slpm
<b>Gas analytics:</b>	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

**Applications:** DOC, TWC, SCR