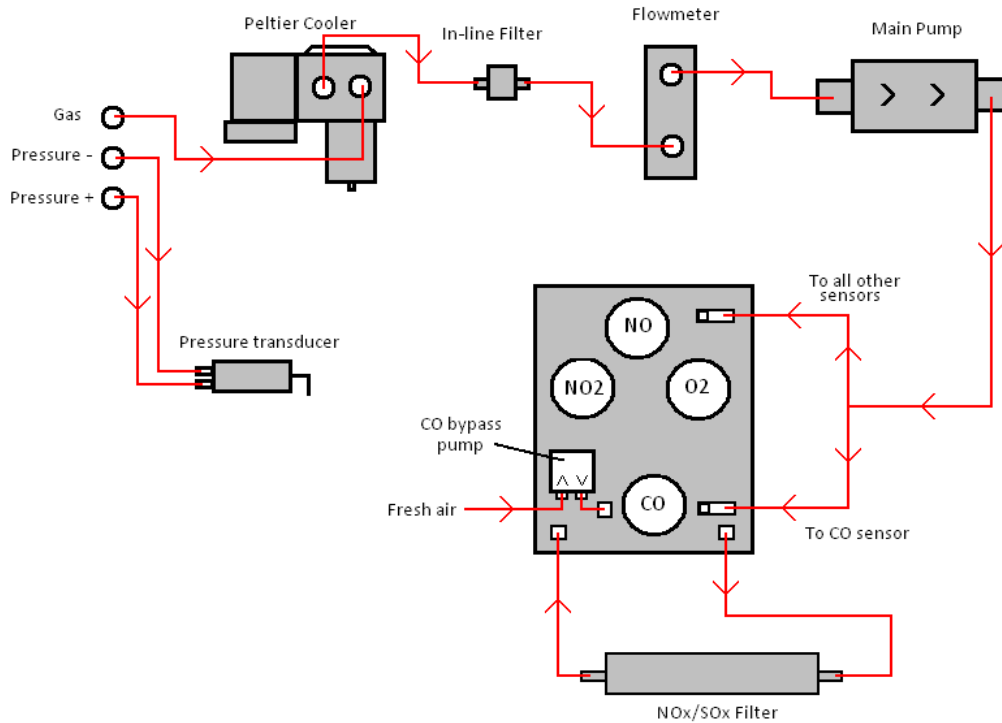


## 4. Gas Path Diagram



### Response Time

After inserting the probe into the sample gas, there is a short delay before correct measurement values are displayed. This is necessary for the gas to pass through the sampling system and build up a stable electrochemical reaction at the sensors. This is referred to as *response time*, and it usually lasts between 60 and 90 seconds. Before printing or recording emission results, wait approximately 2 minutes until the values have stabilized. Minor drifting of a few ppm can be due to unstable pressure conditions in the exhaust channel and may be negligible.

Since the CO sensor has an independent gas path with NOx/SOx filter (see diagram above), the response time will be slightly longer for CO measurement values.