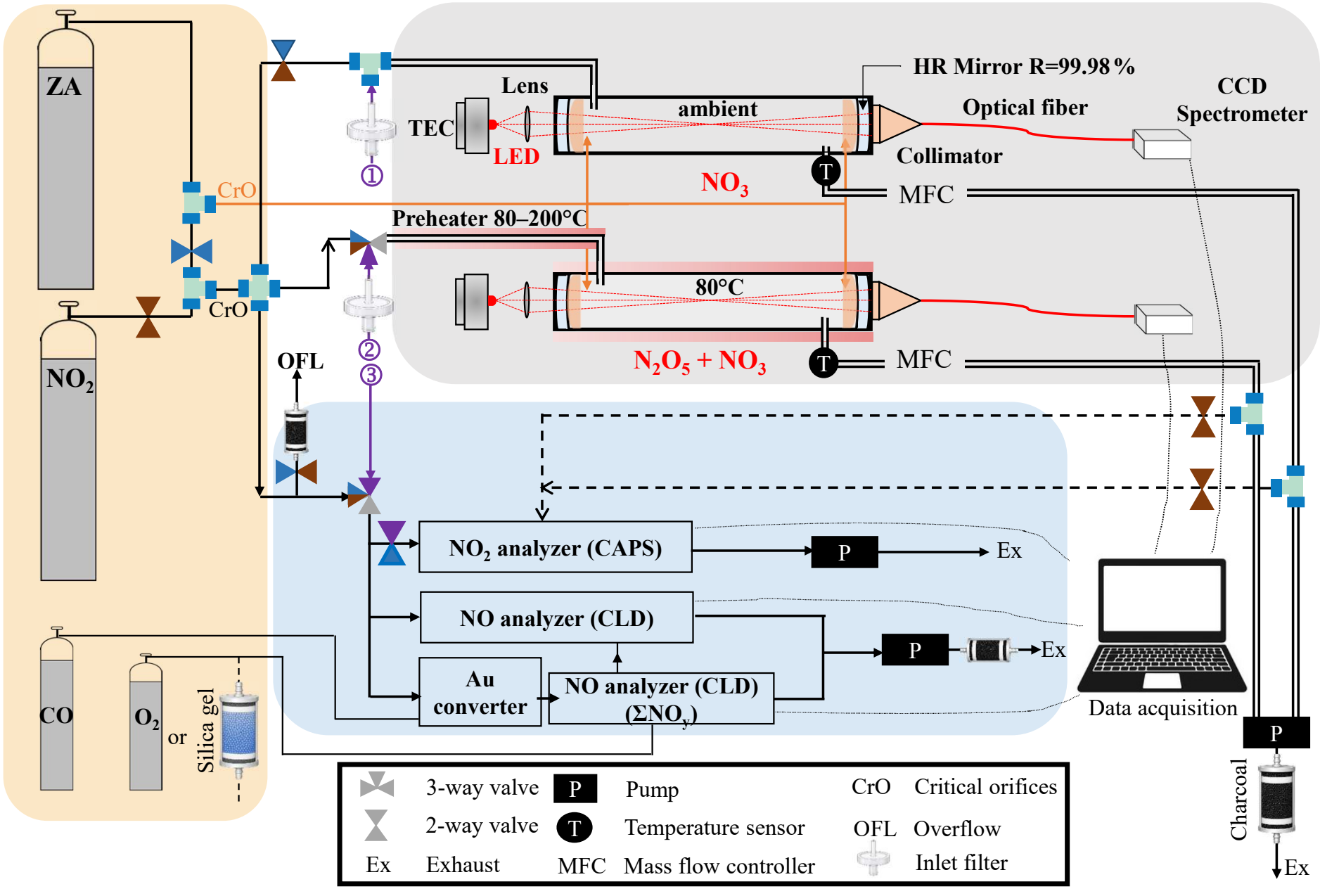

ZA
NO2
CO
O2
or
Silica gel
CrO
CrO
OFL
①
②
③
TEC
LED
Lens
ambient
HR Mirror R=99.98 %
Optical fiber
CCD
Spectrometer
Collimator
T
MFC
NO3
Preheater 80–200°C
80°C
N2O5 + NO3
T
MFC
NO2 analyzer (CAPS)
P
Ex
NO analyzer (CLD)
P
Ex
Au
converter
NO analyzer (CLD)
(ΣNOy)
Data acquisition
P
Charcoal
Ex
3-way valve
2-way valve
Ex Exhaust
P Pump
T Temperature sensor
MFC Mass flow controller
CrO Critical orifices
OFL Overflow
Inlet filter