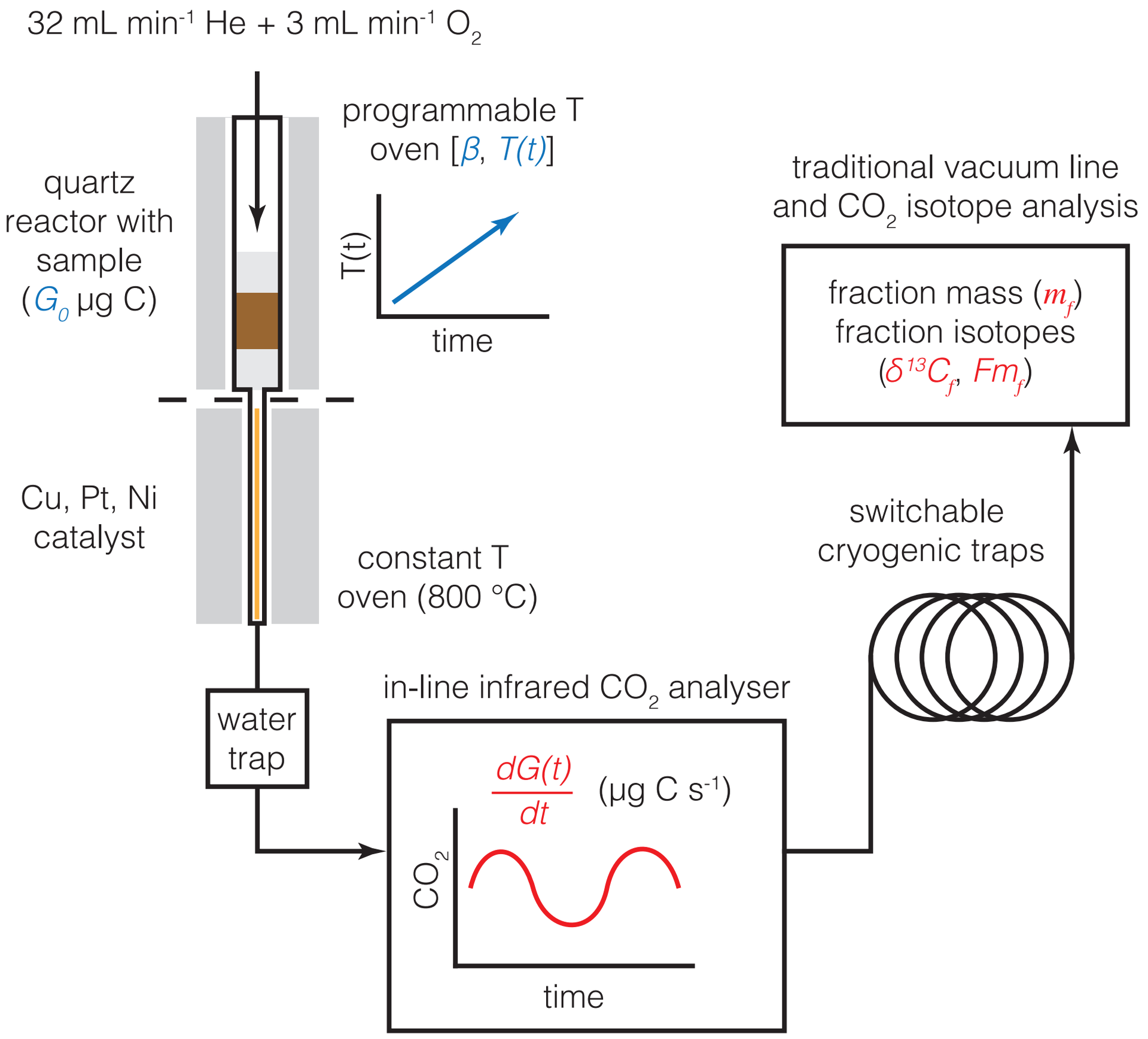
32 mL min-1 He + 3 mL min-1 O2
programmable T oven [β, T(t)]
T(t)
time
quartz reactor with sample (G0 µg C)
traditional vacuum line and CO2 isotope analysis
fraction mass (mf)
fraction isotopes (δ13Cf, Fmf)
Cu, Pt, Ni catalyst
constant T oven (800 °C)
switchable cryogenic traps
water trap
in-line infrared CO2 analyser
dG(t)/dt (µg C s-1)
CO2
time