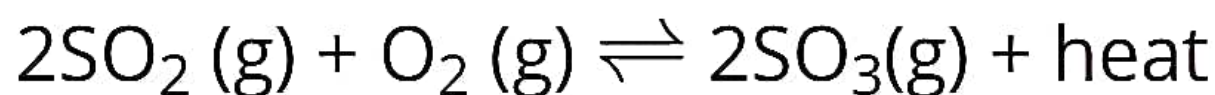


The chemical equation of one of the different stages of manufacturing sulphuric acid by contact process is given below. Find out the influence of the following factors in the reaction given below.



1. Increase the amount of oxygen
2. Pressure is increased
3. Catalyst vanadium pentoxide (V_2O_5) is added
4. SO_3 is removed

Answer:

1. Rate of forward reaction increases.
2. Rate of forward reaction increases
3. Attains the equilibrium quickly.
4. Rate of forward reaction increases