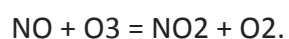


Question #70781

Balance and write an eqm constant expression, K_c , for the following rxn:



Answer

$\text{NO} + \text{O}_3 = \text{NO}_2 + \text{O}_2$ – already balanced, no coefficients needed.

$$K_c = \frac{p_{\text{NO}_2} \times p_{\text{O}_2}}{P_{\text{NO}} \times P_{\text{O}_3}}, \text{ where } p \text{ – partial pressure of the component.}$$

Answer provided by <https://www.AssignmentExpert.com>