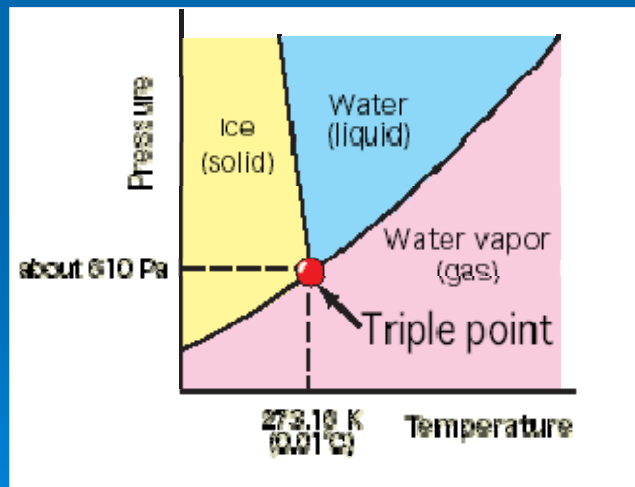


Water triple point cell

Water triple point

The single combination of pressure and temperature at which liquid water, solid ice, and water vapor can coexist in a stable equilibrium occurs at exactly 273.16K (0.01 °C) and a partial vapor pressure of 611.73 Pa.

The value of 273.16K(0.01 °C) is defined by water triple point in ITS-90(International Temperature Scale of 1990).



Water triple point cell

JMA periodically use water triple point cell to check JMA standard of thermometer.

