

The continuous reactor is used in the leaching operation. An autoclave is the most suitable reactor for leaching at high pressure and temperature. The condenser temporarily allows gaseous emission to escape from the reactor hence prevents any pressure build-up. One should calculate the leaching extent according to the final volume of leach liquor, or one can add DI water to make up to the initial volume and then analyses the sample. PTFE/Teflon and metallic reactors are suitable for leaching at higher temperatures as they can withstand high pressure. An autoclave is a metallic reactor where heating is done by coils and stirring is done mechanically. To withstand higher pressure condenser is generally fitted with glass reactors.