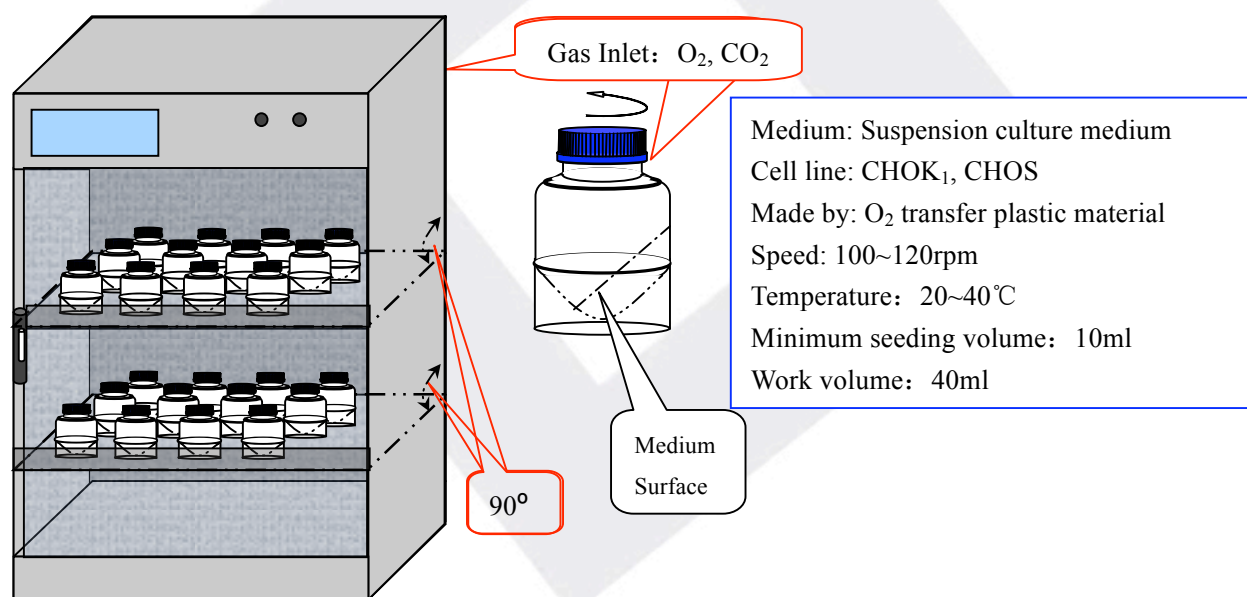


“Current” Mini-Bioreactor Systems – Cell Suspension

Mini-bioreactors are widely used for process development and laboratory studies of production cell line characterization, medium optimization and scale-up optimization. AmProtein’s single-use mini-bioreactor system was constructed by applying AmProtein’s discovery of a non-sparging O₂ transfer method to types of special O₂ transfer materials and cell attachment paper-carriers. Three types of mini-bioreactors are provided: (1). Cell suspension mini-bioreactor; (2). Micro-carrier suspension mini-bioreactor; (3). Cell attached paper-carrier mini-bioreactor.

Cell Suspension Mini-Bioreactor

(1). Cell suspension mini-bioreactor (single-use vessels with work volumes of 40ml, 150ml and 1000ml): This type of mini-bioreactor is designed for single-use to study suspension cell culture scale up and medium optimization.



Shaker Platform & Incubator

40ml Suspension Culture Vessel