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(57) Abstract :
ABSTRACT The present disclosure introduces a stock solution reservoir and dispenser 100 which is a laboratory device designed for the precise storage and dispensing of various solutions, including buffer, isotonic, hypertonic, and drug solutions. It features a durable glass reservoir 102 that stores the solution, a graduated tube 104 for accurate measurement and dispensing, and a glass stopper 106 to prevent contamination and evaporation. The vent 108 facilitates smooth flow by removing vacuum during dispensing, while the knob 110 allows for controlled, precise dispensing of the solution. This integrated system simplifies the process of solution preparation, reducing the need for repetitive pipetting and minimizing measurement errors.

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