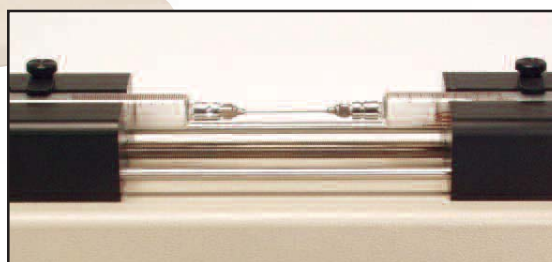


# ***kdS* 330**

# **Emulsifier Plus Infuse/Withdraw Syringe Pump**



## **Eliminate Time Consuming Tedious Manual Process...**

Automatically emulsify adjuvant/antigen mixtures or other viscous fluids. Eliminates tedious manual operation with standard methods. Mix two fluids without human intervention and improve the consistency and quality of the product.

Simple to use and set up. Through the menu driven program enter the syringe diameter, the flow rate and select a dispense volume. The KDS 330 automatically performs the calibration and control functions.

When in the emulsion mode, the KDS 330 cycles from infusion to withdrawal continuously. The unit automatically infuses the preset volume and withdraws the preset volume.

## **Features**

- Quick set up
- Improved product quality
- Consistent emulsion
- Automated process
- 5 modes of operation - Emulsion, Infuse, Withdraw, Infuse/Withdraw, Withdraw/Infuse
- Fast forward/reverse for easy loading
- Two 10 ml syringes with emulsion needle (not included)
- 0.001  $\mu$ l/hr to 21 ml/min
- Menu driven
- Automatic shutoff
- Fast forward/fast reverse

## **Specifications**

Flow Rate	0.001 $\mu$ l/hr to 21 ml/min (10 ml syringe)
Dimensions	23 x 7.5 x 5.5 in (58 x 19 x 14 cm)
Weight	16 lbs. (7.5 kg)

## **Other Modes Available**

### **Infusion**

Set a rate and volume and the pump will infuse to the set volume and stop. Set a rate the pump will continue to run until it is manually stopped.

### **Withdrawal**

Set a rate and volume and the pump will withdraw to the set volume and stop. Set a rate the pump will continue to run until it is manually stopped.

### **Infusion/Withdrawal**

Infusion is automatically followed up by withdrawal. The rate and volume settings can be set independently for infusion and withdrawal.

### **Withdrawal/Infusion**

Withdrawal is automatically followed by infusion. The rate and volume settings can be set independently for infusion and withdrawal.

***kdS* Scientific**



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