

## Infusion/Withdrawal Pumps: KDS 230



Tomopal Part #	Manufacturer #	Voltage
781-2303 USA	781230 USA	115V~, 0.1A
789-2303 CE	789230 CE	230V~, 0.05A

### Features:

- Multi-Syringe Infusion/Withdrawal Pump
  - Ten Syringes 10 µl-10 ml each
  - Six Syringes 20 ml-60 ml each
  - Four Syringes 100 ml-140 ml each
- Ideal for applications requiring multiple syringes
- Is an adaptation of the KDS 210, Modified to hold up to ten syringes
- Multiple mode selection: Infusion, Withdrawal, Infusion then Withdrawal, Withdrawal then Infusion, Continuous Cycle.
- Independent rate and volume settings for both infusion and withdraw.
- RS-232 Interface
- TTL Interface
- Min. Flow Rate (10 µl syringe): 0.001 µl/hr
- Max. Flow Rate:
  - 10 ml Syringe: 21 ml/min
  - 60 ml Syringe: 86 ml/min
  - 140 ml Syringe: 145 ml/min