

# APEMA

HEMODIALYSIS EQUIPMENT  
AND WATER TREATMENT

**Single patient dialysis machine AP10A-2001.** Precise Ultrafiltration Control with single path system. Proportional mixing system. Designed for rational, safe and economical hemodialysis. Complies with IEC 6001-2-16 rules.

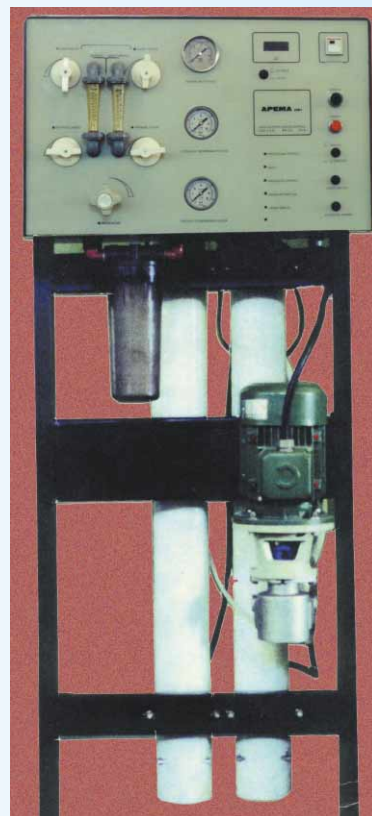
**AP10-RO Single patient dialysis machine with Water Treatment included.** Designed for ICU's , home dialysis, emergencies. Compact and easy to move around.

**Double patient dialysis machine AP20A.** Precise Ultrafiltration Control with single path system. Proportional mixing system. Designed for rational safe and economical hemodialysis. Reduced cost and space. Complies with IEC 6001-2-16 rules.

**Dialysis Water Treatment Systems**  
Reverse Osmosis for water purification: Available capacities from 100 to 10.000 L/H. Automatic Pretreatment: dual media filters, activated carbon filters and water softeners.

**Dialysis Single Water Treatment Unit**  
To supply a single hemodialysis machine. Production: 60 L/H. Dimensions: (H x W x D) 19 x 40 x 30 cm and only 11 Kg of weight. Includes pretreatment with filter cartridge and activated carbon filter. No pressure is required, designed for tap water supply.

**Dializer Reprocessing Machines**  
Simultaneous (2 or 4) and single automatic machines. Makes reuse simple and more cost effective than ever. Cleans, tests, and disinfects in one step with peracetic acid or other sterilants.







### APEMA PC16BT

- \*Peristaltic Pump. Accurate administration of IV fluids, critical drugs and enteral nutrition.
- \*Operates with standard gravity sets (20 or 60 Drops per mL).
- \*Digital Flow rate regulation: 1 to 99 Drops / Minute.
- \*Programmable Volume limit: from 1 to 99990 Drops.
- \*Optoelectronic drop detector.
- \*Audible and visual alarms.
- \*Includes rechargeable battery with 6 hours autonomy.



### APEMA PC11UBT

- \*Syringe Pump designed for use in all medical units, surgery and intensive care where precision, reliability and regularity are imperative.
- \*Microprocessor programming for **any syringe type available in the market between 5 and 100 mL with 1% precision.**
- \*Digital flow rate selection: 0,01 - 199,99 mL/H (0,01 mL/H steps)
- \*Programmable volume limit: from 0,1 to 9999,9 mL.
- \*Programmable infusion time: from 00:01 to 99:59 (hh:mm).
- \*Programmable KVO rate: from 0.01 to 9.99 mL/Hr.
- \*Includes rechargeable battery with 6 hours autonomy.
- \*Complete visual and audible alarm system.

### APEMA PC18A10

- \*High precision volumetric infusion pump microprocessor controlled.
- \*Simultaneous micro and macro volumetric pump.
- \*Continuous flow rate from 0,1 to 999,9 mL/Hr.
- \*Programmable KVO: from 0,1 to 9.9 mL/H.
- \*Programmable Volume: from 0,1 to 9999,9 mL.
- \*Programmable Time: up to 100 Hs.
- \*Optoelectronic drop detector.
- \*Includes rechargeable battery.
- \*Operates with custom cost reduced PVC sets.
- \*Complete alarm system.



### APEMA PC180

- \*Low cost volumetric infusion pump.
- \*For IV and enteral applications.
- \*Optoelectronic drop detector.
- \*Complete alarm system.
- \*Flow rates range: 1 to 999 mL/Hr.
- \*Includes rechargeable battery.
- \*Operates with custom cost reduced PVC sets.

### APEMA PC18E

- \*Low Cost Enteral Feeding Pump.
- \*Adult and pediatric applications.
- \*For use on table and mobile stand.
- \*Digital flow rate selection: 1 to 500 mL/Hr.
- \*Uses sets specially adapted to the complete flow rate range and to all nutrition containers.



## WATER PURIFICATION SYSTEM



### LABORATORY WATER PURIFICATION SYSTEM

- \*Dispense ultrapure water 0,055  $\mu\text{S}/\text{cm}$ . Can be connected to tap water supply. Not pretreated water is required.
- \*Productions from 5 to 60 Litres / Hour.
- \*Includes absorption filter, activated carbon filter reverse osmosis system, deionizer and digital microprocessor conductivity control.
- \*Reduced energy (only 50 Watt) and maintenance costs.

## LABORATORY TUBING PUMPS



### LABORATORY TUBING PUMPS AND CONTROLS

- \*Dispenser, diluter or general purpose transfer pumps.
- \*Ideal for pharmaceutical, research labs, biotech, and others.
- \*Flow rates from 0,0001 mL/Minute to 10.000 mL/Minute.
- \*Dispense volume from 0,1 mL to 9999,9 mL.
- \*Microprocessor controls for accurate, repetitive dispensing.
- \*Different single and multiple pump heads and tubing available.
- \*Remote control capabilities. Precise motor speed control.

