

# 3028

## Hemodialysis Machine



EPCC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

**Analytical Technologies Limited**

An ISO 9001 Certified Company

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## ►► Clinical Application

Homodialysis, Pure ultrafiltration dialysis, Hemoperfusion atc.

## ►► Features

- Bicarbonate cartridge (optional)
- Air detection by ultrasonic and optical methods
- Profiles: UF, Na+
- Kt/V Monitor
- HCO<sub>3</sub>-adjustable
- Dialysate linearly adjustable
- Built-in battery
- UF test port
- Water way designed to prevent cross infection
- Ultrafiltration port (optional)
- Network connection (optional)

## ►► Technical Information

Specification (length*width *height)	370mmx340mm x1420mm
Weight	about 90kg
Power supply voltage	AC220V ± 10%    Frequency: 50HZ ~ 60 HZ
	Power: 1700W
Blood pump	Flow: 10 ~ 460 ml/min (θ 6.4mm)
	Flow: 20 ~ 620 ml/min-n (θ 8mm)
Functional pump	Flow: 10 ~ 460 ml/min (θ 6.4mm)
	Flow: 20 ~ 620 ml/min-n (θ 8mm)
Heparin pump	Flow: 0.1ml/h 10ml/h(±5%)
	Precision: 0.1ml/h
	Injection size: 10ml/20ml/30ml
Arterial Pressure	-300mmHg~+400mmHg (±10mmHg)
Venous Pressure	-200mmHg~+500mmHg (±10mmHg)
Dialysate flow	300ml/min~800ml/min linearly adjustable (±10%)
Dialysate Temperature controlled to range of	35.0°C~39.0°C

Precision of dialysate temperature control	0.1°C
Conductivity	0 mS/cm~15.8mS/cm (± 0.1 mS/cm)
UF flow	0~4000ml/h
ISO UF flow	0~4000ml/h(±30ml/h)
TMP	-100mmHg ~+ 600mmHg (±10mmHg)
Blood leakage monitor	Over 1ml blood per liter dialysate (flow : 500ml/min)
Blood level monitor	ultrasonic sensor
Air bubble monitor	Work by infred mechanism for detection and it can detect single air bubble with size of 200ul when the blood flow is 200ml/min
Inflow pressure	0.12MPa ~ 0.6MPa 0MPa ~ 0.6MPa(Optional)
RO water inflow temperature	5°C ~ 30°C
Disinfection	Rinse/disinfection chemical disinfection (citric acid, peracetic acid)
Hot rinse	≥80°C
Back-up battery	Keep machine running for 15-30 minutes in case of power failure

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**HPLC Servicing** :HPLC Servicing : We have team of service engineers who can attend to any make of HPLC promptly @the most affordable cost.

**Trainings** :We also take up preventive Maintenance to reduce downtime of HPLC's Trainings.

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**Validations** :Validations :We have protocols for carrying out periodic Validations as per GLP/GMP/USFDA norms.

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Analyzer



Laser Particle  
Size Analyzer



Ion Chromatograph



Water purification  
system

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1. Research & Innovation Scientist's awards/QC Professional Award : Quality life is possible by innovation only and the innovation is possible by research only, hence ANALYTICAL FOUNDATION is committed to identify such personalities for their contributions across various field of Science and Technology and awarding them yearly. To participate for award, send us your details of research / testing / publication at [Info@analyticalfoundation.org](mailto:Info@analyticalfoundation.org)

2. Improving quality of life by offering YOGA Training courses, Work shops/Seminars etc.

3. ANALYTICAL FOUNDATION aims to DETOXYFY human minds,souls and body by means of yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.



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