

Medical Instrumentations



Registered Vendor of MOF
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Pihak Berkuasa Peranti Perubatan
Kementerian Kesihatan Malaysia



Thrive⁺HD

Dialysis System

TW-T2008-B

The comfortable treatment solution



Thrive for Human Care.

CE
2460

Thrive^{HD}

Disinfection and Clean

1
Intelligent automatic disinfection and cleaning procedure It can effectively prevent the deposition of calcium and protein in the pipeline of the machine, unnecessary to use sodium hypochlorite to remove protein which avoids the injury to medical personnel during the use of sodium hypochlorite.

2
Non-interrupt and non-changeable disinfection mode guarantee the disinfection safety

Technical information

General information

Technical data:

Model	:W-T2008-B
Size(H*W*L)	:142cm x 49cm x 51cm
Floor area	:65*45cm ²
Weight	:appox. 80KG
Input power	:1500W
Circuit voltage	:100—240Vac
Standby battery	:30 minutes
Water inlet pressure	:0.1Mpa~0.6Mpa, 15P.S.I~60P.S.I
Water inlet temperature	:5°C~30°C
Working environment	:10°C~30°C at relative humidity ≤ 70%
Storage environment	:5°C~40°C, at relative humidity ≤ 80%

Disinfection/Sanitize:

1. Hot disinfection:
Time: 30 minutes; Temperature: about 80°C, at flow rate 500ml/min;
2. Chemical disinfection:
Time: 30minutes, Temperature: about 36°C~50°C, at flow rate 500ml/min;
3. Chemical disinfection with heat:
Time: 45minutes, Temperature: about 36°C~80°C, at flow rate 50ml/min;
4. Rinse:
Time: 10minutes, Temperature: about 37°C, at flow rate 800ml/min;

- LCD touch screen | Balance chamber + UF pump
- UF control system with sealed double volume balancing chamber
- 8 kinds of UF profiling to meet different clinical application requirements
- Standby battery - The standby battery can supply power for 30 minutes



Thrive for Human Care.

HAEMODIALYSIS MACHINE

01

HD

02

Sequential
Dialysis

03

Isolated UF



TW-T2008-B HD



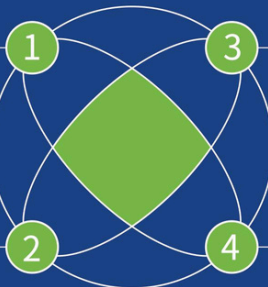
Open System of Consumables

Multi Built-in Dialysis Formula

Comfort Dialysis Treatment

Multi Profiling: UF, Temp.,
Heparin, Dialysate, Na+ etc.

8 kinds of Na+ and UF profiling



One-button setting
function

Adjust treatment data based
on patients condition



Thrive for Human Care.

☐ On-line BPM

☐ Intelligent Alarm System

☐ 15-inch Big Touch Screen

☐ One-key Priming+ Function

Can set priming time, priming dehydration volume which effective use of diffusion and convection mechanism to improve the priming effect of bloodlines and dialyzers, to improve the dialysis adequacy

☐ Timer Function

Set the time for sound and light reminder function, which facilitates the clinical operation of medical staff in the treatment process.

☐ Back-up Battery

Able to carry out comprehensive safety monitoring continuously even the external power is off, will not lose the treatment data. Can provide the machine blood circulation system.

☐ Can connect with CCDS

☐ Bi-cart Function

☐ Dialysate Filter

Ultra-pure dialysis, ensures the safety of treatment

☐ One-key Drainage Function

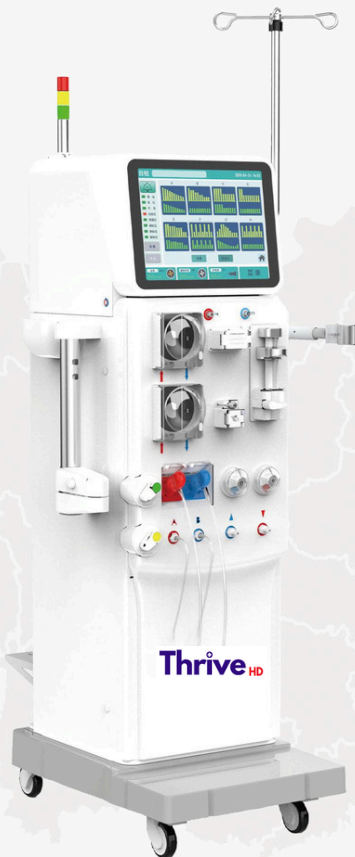
Convenient and practical one key drainage function, auto remove the waste liquid in the bloodline and dialyzer after dialysis treatment.

☐ Standby Function

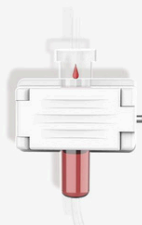
After the dialysis preparation is completed, can select with one-key standby mode while waiting for the patient to arrive. The machine will pause the absorption of dialysate, greatly avoiding the waste of dialysate.

☐ Store and check the record of operation, alarm and disinfection

☐ Internet Port*



TW-T2008-B HD



Level Detector



Features: (Ultrasonic emission and reception)



Air Detector



Features: (Ultrasonic emission and reception)
(Photoelectric emission and reception)

Thrive for Human Care.

ALHIJRA
HEALTHCARE
renal systems



Thrive⁺ADR[®]

ThriveADR Automatic
Reprocessing System
Change...and continuity



AUTOMATIC DIALYZER REPROCESSOR

THRIVE TO THE FUTURE

Reprocessing Systems. Sterilants. Disinfectants.

*ThriveADR®
Reprocessing System*



Effective

- When Reprocessing single or double dialyzers at one time.

Cost-effective

- With ThriveCS of disinfectant.

Accuracy & safety

- Automatic disinfectant dilution.

Anti-cross infection control

- Extra blood port header to prevent infection among patients.

Record function

- Print reprocessing data, such as name, type of test, TCV, Pressure & Volume result

Double printing

- Built-in printer or optional external printer



ThriveADR® Reprocessing System

The *Upgraded* ThriveADR Reprocessing System is the engine for the most complete reprocessing solution for your center/hospital. Other components of this system include:

- ThriveCS® Cold Sterilant (Disinfectant)
- ThriveTS® Residual Test Strips
- Others Accessories ThriveADR

About Al Hijra Healthcare Sdn Bhd

Al Hijra Healthcare Sdn Bhd (AHHSB) is Malaysia's premier provider of comprehensive dialysis system equipment and healthcare equipment solutions. With our expertise, we are rapidly emerging as industry leaders. Products and Services We offer a comprehensive range of equipment and accessories to meet all dialysis needs under the Thrive brand. Our products include reverse osmosis water purification systems, chemical disinfectants, hemodialysis machines, automatic dialyzer reprocessors, related disposable products, and solutions to drive business growth.

Thrive^{ADR} Reprocessing Systems

ThriveADR® Automatic Reprocessing System *Change...and continuity.*

Specifications ThriveADR model DRS 2

Size:	480mm (L) x 380mm (W) x 580mm (H)
Weight:	35KG
Power Supply:	AC 240V, 50Hz-60Hz, 2A
Input Power:	150W
Water input pressure:	0.15 - 0.35 MPa (21.75 PSI - 50.75 PSI)
Water input temperature:	10°C - 40°C
Min. water Inlet flow:	1.5L/min
Reprocessing time:	12 min/cycle
Work environment:	Temperature 5°C - 40°C at relative humidity of no more than 80%
Storage Temperature:	Between 5°C - 40°C at relative humidity of no more than 80%

Thrive^{CS}



ThriveTS® Residual Test Strips

Thrive^{TS}



ThriveCS® Cold Sterilant (Disinfectant)

RENAL CARE



RO MEDICAL

REVERSE OSMOSIS SYSTEM
FOR DIALYSIS APPLICATIONS



Thrive to the Future of Healthcare

Thrive_{RO}

RO medical

REVERSE OSMOSIS SYSTEM FOR DIALYSIS APPLICATIONS

INTENDED USE

The DWS RO Single pass RO Water System intended to be used for supplying reverse osmosis water to hemodialysis machine used in hemodialysis treatment. The system that used to prepare a dialysate concentration complied with AAMI grade water. The system is designed to meet all current standards for dialysis quality water.



ADVANTAGES

- High quality water product
- High operational reliability
- Cost-saving and economical RO water purification
- Touch Screen controlled panel
- Pex pipe treatment area
- Expandable modular unit with up to 6 membranes
- Simple installation and easy servicing
- Effective bacterial prevention
- Supply more high-quality RO water

FEATURES

- **Operation**
 - By LCD Touch Screen control & display
 - Operation and service menu
 - Continuous pressure monitoring
 - Operating hours displayed
 - Clear text display
 - Individual bypass system on Pretreatment
- **Monitoring**
 - Permeate conductivity
 - Reject flow
 - Permeate flow
 - Pretreatment Pressure
 - Pump pressure
- **Audio and visual alarms**
 - Permeate conductivity
 - Excess pressure
 - Low inlet pressure, automatic shut down when water flow is interrupted
- **Process engineering**
 - Permeate backflow
 - Water saving technology
 - Low energy thin film polyamide membranes
 - Automatic backwash cycle
 - Interval auto flush
- **Design**
 - Stainless steel frame
 - Pex piping
 - Stainless steel pressure pump
- **Technical Specifications**
 - Feed water: city water < TDS 10
 - System recovery: 50 - 75%
 - RO membrane: Thin-film polyamide
 - Salt rejection: ionic 99.5%

SPECIFICATIONS

Model	DWS RO 10	DWS RO 15	DWS RO 20	DWS RO 25	DWS RO 30
Permeate OUT	10 L/min	15 L/min	20 L/min	25 L/min	30 L/min
Rated capacity	4400 GPD	6600 GPD	8800 GPD	11000 GPD	13200 GPD
Membrane 4040	2 units	3 units	4 units	5 units	6 units
Water pressure	150-250 PSI				
Power supply	240 VAC/50 Hz 40 Amp				
Quality	Depend on inlet water quality. The system is design to meet the standards of the MOH guidelines and AAMI standards for haemodialysis.				



BUSINESS PROFILE

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Version 2025-01



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