



beyond boundaries, beyond limits

MEDICAL EQUIPMENT PORTFOLIO / 2026

HEMODIALYSIS HD

Dialysis machines, water treatment, chairs and treatment consumables



11

EQUIPMENT
FAMILIES

FROM MEDICAL TECHNOLOGY
TO MARKET PERFORMANCE

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PORTFOLIO INDEX



A complete category overview with dedicated product imagery, technical data and configuration options.

MTD-HD-201

Hemodialysis Machine

MTD-HD-207

Fistula Needle Sets

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Central RO Water Treatment

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MTD-HD-204

Dialysis Treatment Chair

MTD-HD-210

Blood Bag and Hemoconcentration Sets

MTD-HD-205

Dialyzer Portfolio

MTD-HD-211

Integrated Dialysis Center Platform

MTD-HD-206

Bloodline Sets

PORTFOLIO STRUCTURE

Each equipment family is organized for clear product comparison and project planning.

HEMODIALYSIS MACHINE

Treatment platform with integrated fluid, pressure and safety monitoring.



TECHNICAL DATA

EQUIPMENT CLASS

Hemodialysis machine

CONFIGURATION

Mobile floor-standing treatment platform pictured

DATA AVAILABILITY

Treatment ranges not stated

CONFIGURATION SCOPE

- 01 Clear treatment-parameter display
- 02 Blood and dialysate circuit monitoring
- 03 Mobile clinical configuration

CENTRAL RO WATER TREATMENT

Reverse-osmosis platform engineered for multi-station dialysis centers.



TECHNICAL DATA

EQUIPMENT CLASS

Central reverse-osmosis water treatment

SERIES SHOWN

800, 1200 and 1600 designations

APPLICATION

Multi-station dialysis water supply

DATA AVAILABILITY

Units and verified capacities not stated

CONFIGURATION SCOPE

- 01 Central purified-water distribution
- 02 Configurable treatment capacity
- 03 Skid-mounted serviceable architecture

PORTABLE RO WATER TREATMENT

Compact purified-water system for single-station or mobile dialysis use.



TECHNICAL DATA

EQUIPMENT CLASS

Portable reverse-osmosis water treatment

SERIES SHOWN

100 designation

APPLICATION

Single-station/mobile dialysis support

DATA AVAILABILITY

Output and recovery values not stated

CONFIGURATION SCOPE

01

Mobile enclosure

02

Single-treatment support

03

Simplified connection and service access

DIALYSIS TREATMENT CHAIR

Powered positioning chair designed around patient comfort and clinical access.



TECHNICAL DATA

EQUIPMENT CLASS

Dialysis treatment chair

CONFIGURATION

Powered multi-position chair pictured

MOBILITY

Caster base pictured

DATA AVAILABILITY

Load and travel ranges not stated

CONFIGURATION SCOPE

- 01 Multi-position adjustment
- 02 Mobile base and upholstered surfaces
- 03 Integrated arm support for treatment access

DIALYZER PORTFOLIO

Low- and high-flux dialyzer options for prescribed treatment protocols.



TECHNICAL DATA

DIALYZER TYPES

High-flux and low-flux listed

PRESENTATION

Single-use dialyzer portfolio pictured

DATA AVAILABILITY

Membrane area and clearance not stated

CONFIGURATION SCOPE

01

Multiple membrane and surface-area configurations

02

Single-use sterile format

03

Selection matched to clinical protocol

BLOODLINE SETS

Extracorporeal blood-tubing sets configured for dialysis-machine workflows.



TECHNICAL DATA

EQUIPMENT CLASS

Hemodialysis blood-line set

CIRCUIT

Arterial and venous tubing configuration pictured

PRESENTATION

Sterile disposable format pictured

DATA AVAILABILITY

Tubing dimensions not stated

CONFIGURATION SCOPE

01

Arterial and venous line configurations

02

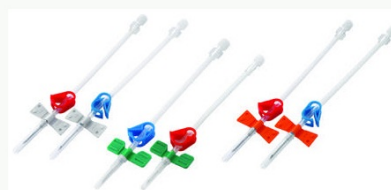
Integrated chambers, ports and clamps

03

Sterile single-use presentation

FISTULA NEEDLE SETS

Needle-set configurations for vascular access during hemodialysis.



TECHNICAL DATA

EQUIPMENT CLASS

Fistula needle set

CONFIGURATION

Needle, tubing and clamp assembly pictured

PRESENTATION

Sterile disposable format pictured

DATA AVAILABILITY

Gauge and length options not stated

CONFIGURATION SCOPE

01

Arterial and venous identification

02

Flexible tubing and safety components

03

Multiple gauges and lengths

HEMODIALYSIS CATHETER KITS

Catheter and accessory kits for temporary or longer-term dialysis access.



TECHNICAL DATA

EQUIPMENT CLASS

Hemodialysis catheter kit

PRESENTATION

Procedure kit format pictured

DATA AVAILABILITY

Lumen and length options not stated

CONFIGURATION SCOPE

01

Multiple lumen and length options

02

Procedure accessories in organized kits

03

Sterile single-use packaging

BICARBONATE AND CONCENTRATE SYSTEMS

Treatment concentrates supplied in bag, cartridge and liquid formats.



TECHNICAL DATA

BICARBONATE

Powder bag and powder cartridge listed

CONCENTRATE

Hemodialysis solution listed

CENTER OPTION

Central concentrate-production system listed

DATA AVAILABILITY

Formulation ratios not stated

CONFIGURATION SCOPE

01

Bicarbonate powder bag and cartridge options

02

Acid concentrate configurations

03

Center-scale preparation options available

BLOOD BAG AND HEMOCONCENTRATION SETS

Collection and fluid-management consumables supporting dialysis and blood-care workflows.



TECHNICAL DATA

PRODUCTS

Blood bag, phlebotomy bag and hemoconcentrator

BLOOD-BAG STANDARDS

ISO 3826-1, ISO 3826-2 and ISO 3826-3 listed

PHARMACOPOEIAS

BP, European and USP requirements listed

FUNCTIONS

Collection, retention, transfusion and separation

CONFIGURATION SCOPE

- 01 Blood-bag configurations
- 02 Hemoconcentration circuit options
- 03 Sterile single-use formats

INTEGRATED DIALYSIS CENTER PLATFORM

A coordinated package spanning treatment, water, furniture and disposables.



TECHNICAL DATA

TREATMENT

Hemodialysis machine and treatment chair

WATER

Central and portable RO systems

CONSUMABLES

Dialyzer, blood line, fistula needle and catheter kit

CONCENTRATES

Bicarbonate bag, cartridge and solution

CONFIGURATION SCOPE

01

Machine, RO and treatment-chair integration

02

Core disposable portfolio

03

Project planning for center-scale deployment



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CONFIGURE THE RIGHT SYSTEM

MTD supports equipment selection, technical clarification, procurement planning, delivery coordination and after-sales preparation.



PROJECT PLANNING

- 1 Intended clinical use and care environment
- 2 Electrical supply, utilities and installation conditions
- 3 Accessories, consumables and optional modules
- 4 Destination-market documentation and training scope

The final quotation confirms the selected model, power requirements, accessories and documentation.

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