



beyond boundaries, beyond limits

MEDICAL EQUIPMENT PORTFOLIO / 2026

ORTHOPEDICS

ORTHO

Implants, rehabilitation, pressure care and mobility solutions



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-ORTHO-401

DVT Compression Pump

MTD-ORTHO-407

Electrotherapy and Biofeedback

MTD-ORTHO-402

Neuromuscular Stimulation

MTD-ORTHO-408

Shockwave Therapy

MTD-ORTHO-403

Trauma Plates and Instrument Set

MTD-ORTHO-409

Multi-Modal Physiotherapy Platform

MTD-ORTHO-404

Locking Plates and Reduction Screws

MTD-ORTHO-410

Electric Mobility Chair

MTD-ORTHO-405

TECAR Therapy System

MTD-ORTHO-411

Positioning and Pressure-Redistribution System

MTD-ORTHO-406

High-Power Laser Therapy

PORTFOLIO STRUCTURE

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

DVT COMPRESSION PUMP

Intermittent pneumatic compression system supporting venous circulation and DVT-prevention workflows.



TECHNICAL DATA

EQUIPMENT CLASS

Intermittent pneumatic compression pump

CLINICAL FOCUS

Venous circulation support and DVT prevention

CONFIGURATION

Portable pump with compatible compression sleeves

DATA AVAILABILITY

Pressure and cycle ranges not specified

CONFIGURATION SCOPE

01

Sequential pneumatic compression

02

Portable pump configuration

03

Compatible compression sleeves

NEUROMUSCULAR STIMULATION

Electrical stimulation platform for circulation and neuromuscular therapy.



TECHNICAL DATA

EQUIPMENT CLASS

Neuromuscular stimulator

CLINICAL FOCUS

Blood-flow enhancement in foot arteries and veins

PATIENT SCOPE

Arterial, venous and peripheral neuropathy use listed

DATA AVAILABILITY

Waveform and output values not stated

CONFIGURATION SCOPE

01

Configurable stimulation programs

02

Portable treatment format

03

Electrode-based application

TRAUMA PLATES AND INSTRUMENT SET

Orthopedic fixation portfolio supported by organized surgical instrumentation.



TECHNICAL DATA

IMPLANT FAMILY

Anatomically profiled trauma plates

FORMATS PICTURED

Multiple hole patterns and lengths

INSTRUMENTATION

Dedicated organized instrument set

DATA AVAILABILITY

Material grade and screw sizes not stated

CONFIGURATION SCOPE

01

Anatomically shaped plate families

02

Multiple hole patterns and sizes

03

Dedicated instrument-set organization

LOCKING PLATES AND REDUCTION SCREWS

Implant family for upper- and lower-extremity fixation.



TECHNICAL DATA

PLATE SYSTEM

3.5 mm locking proximal humerus

RADIUS OPTIONS

3.5 mm volar and Type II volar

TIBIA OPTION

3.5 mm medial distal tibia

SCREW TYPE

Polyaxial long-arm reduction screws

CONFIGURATION SCOPE

01

Locking plate configurations

02

Polyaxial and reduction screw options

03

Multiple anatomical profiles

TECAR THERAPY SYSTEM

Radiofrequency rehabilitation platform for musculoskeletal treatment workflows.



TECHNICAL DATA

EQUIPMENT CLASS

TECAR physiotherapy system

CONFIGURATION

Mobile console and applicators pictured

DATA AVAILABILITY

Frequency and power values not stated

CONFIGURATION SCOPE

01

Capacitive and resistive treatment modes

02

Mobile therapy console

03

Configurable applicators and protocols

HIGH-POWER LASER THERAPY

Mobile therapeutic laser platform for rehabilitation and pain-management protocols.



TECHNICAL DATA

EQUIPMENT CLASS

High-power therapeutic laser

CONFIGURATION

Mobile console and articulated applicator pictured

DATA AVAILABILITY

Power and wavelength not specified

CONFIGURATION SCOPE

- 01 Touch-controlled operation
- 02 Mobile articulated applicator
- 03 Protocol-guided treatment selection

ELECTROTHERAPY AND BIOFEEDBACK

Multi-mode rehabilitation system for stimulation and muscle-training workflows.



TECHNICAL DATA

EQUIPMENT TYPES

EMG biofeedback and electrical stimulator

CONFIGURATION

Clinical console systems pictured

DATA AVAILABILITY

Channel count and output values not stated

CONFIGURATION SCOPE

01

Electrical stimulation programs

02

EMG biofeedback configuration

03

Clinic-ready mobile or tabletop formats

SHOCKWAVE THERAPY

Radial pressure-wave platform with guided musculoskeletal treatment protocols.



TECHNICAL DATA

PRESSURE

0.5-5 bar

FREQUENCY

Up to 20 Hz

DISPLAY

10-inch color touchscreen

RADIAL PROBES

30, 20, 10 and 6 mm

TREATMENT MODES

Chronic, subacute and acute

TRIGGER

Applicator key, foot pedal or automatic

SHOCK COUNTER

15,000,000-shock warranty stated

CONFIGURATION SCOPE

01

Adjustable pressure and frequency

02

Multiple applicator heads

03

Touchscreen protocol interface

MULTI-MODAL PHYSIOTHERAPY PLATFORM

A coordinated family spanning TECAR, shockwave and laser therapy.



TECHNICAL DATA

MODALITIES

TECAR, shockwave and high-power laser

APPLICATIONS

Physiotherapy, sport, cosmetic and urology variants

CONFIGURATION

Multiple consoles and handpieces pictured

DATA AVAILABILITY

Model-specific output values not stated

CONFIGURATION SCOPE

01

Modular clinic portfolio

02

Shared mobile-workstation approach

03

Treatment-specific handpieces

ELECTRIC MOBILITY CHAIR

Foldable powered wheelchair designed for transportability and daily mobility.



TECHNICAL DATA

FRAME

Aluminum alloy

APPROXIMATE WEIGHT

About 25 kg

TRANSPORT

Low folded volume and easy transportation

DRIVE

Electric wheelchair

CONFIGURATION SCOPE

01

Lightweight folding frame

02

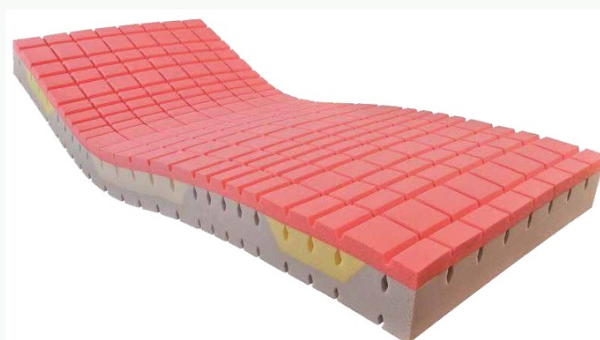
Rechargeable powered drive

03

Compact transport configuration

POSITIONING AND PRESSURE-REDISTRIBUTION SYSTEM

Foam and support products for alignment, transfer and pressure management.



TECHNICAL DATA

FOAM

Memory-foam mattress and positioning cushions

TRANSFER

Patient transfer roll

DVT SUPPORT

DVT pump and sleeve

TEXTILE OPTIONS

3D knitted cushion and spacer fabric

CARE SETTINGS

Hospital, rehabilitation and home care

CONFIGURATION SCOPE

01

Positioning cushions and wedges

02

Transfer and restraint accessories

03

Multiple support densities and sizes



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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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