



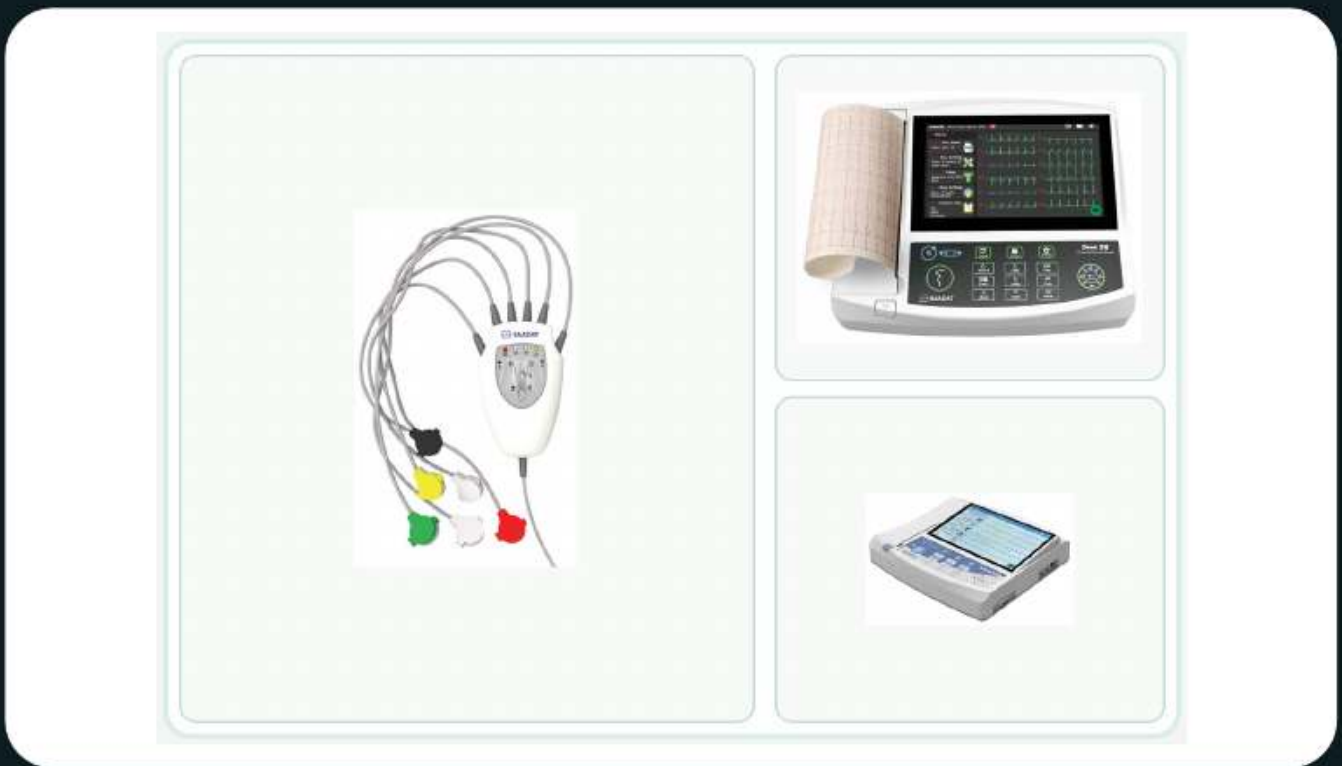
beyond boundaries, beyond limits

MEDICAL EQUIPMENT PORTFOLIO / 2026

DIAGNOSTICS

DX

Physiological measurement, imaging, laboratory and point-of-care diagnostics



18

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-DX-501	Wearable Multi-Lead ECG	MTD-DX-510	Mobile Radiography and C-Arm
MTD-DX-502	Resting ECG Family	MTD-DX-511	EMG, NCV and EEG Platform
MTD-DX-503	Portable ECG Platform	MTD-DX-512	Audiology Stimulation System
MTD-DX-504	Brain Function Monitor	MTD-DX-513	Blood Glucose Monitoring
MTD-DX-505	Non-Contact Clinical Thermometer	MTD-DX-514	Mobile ECG and Digital Auscultation
MTD-DX-506	Upper-Arm Blood Pressure Monitor	MTD-DX-515	Automated Laboratory Analyzers
MTD-DX-507	Portable Ultrasound Platform	MTD-DX-516	In-Vitro Diagnostic Test Panels
MTD-DX-508	Digital Mammography	MTD-DX-517	Urology Diagnostic Systems
MTD-DX-509	Digital Radiography System	MTD-DX-518	Cancer Diagnostic and Electroporation Platforms

PORTFOLIO STRUCTURE

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

WEARABLE MULTI-LEAD ECG

Compact recording platform for short-duration and ambulatory ECG acquisition.



TECHNICAL DATA

ECG DERIVATION

12 leads using 6 wires

WEIGHT

120 g

DIMENSIONS

102 x 64 x 26 mm

INGRESS RATING

IP44

CONNECTION

USB Type-C real-time transmission

PORTABLE POWER

Two AA batteries listed for one configuration

WIRELESS

Wi-Fi transfer to central system listed

CONFIGURATION SCOPE

01

Multi-lead ECG from a reduced cable set

02

USB-connected or portable workflows

03

On-screen waveform review

RESTING ECG FAMILY

One-, three-, six- and twelve-channel electrocardiograph configurations.



TECHNICAL DATA

FORMATS

1, 3, 6 and 12 channels

ACQUISITION

Simultaneous 12-lead display and recording

INTERPRETATION

Automated measurement and interpretation

STORAGE

500 records with review and print

POWER

Rechargeable lithium battery

FILTERS

EMG, drift, 50 Hz hum and low-pass

CONFIGURATION SCOPE

01

Simultaneous 12-lead acquisition

02

Measurement and interpretation options

03

Internal storage and integrated printing

PORTABLE ECG PLATFORM

A multi-format family for clinics, wards and mobile diagnostic services.



TECHNICAL DATA

FORMATS

1, 3, 6 and 12 channels

PC OPTION

PC-based 12-channel configuration listed

RELATED EQUIPMENT

ECG viewer and Holter family listed

DATA AVAILABILITY

Sampling and bandwidth values not stated

CONFIGURATION SCOPE

01

Compact one- through twelve-channel options

02

Waveform display and printing

03

Portable battery operation

BRAIN FUNCTION MONITOR

Single-channel processed EEG platform supporting anesthesia and neurological monitoring.



TECHNICAL DATA

SIGNAL

Single-channel EEG waveform

QUALITY

Signal quality index

ELECTRODES

Impedance check

PREPARATION

Skin-preparation gel listed

DATA AVAILABILITY

Processed index range not stated

CONFIGURATION SCOPE

01

EEG waveform display

02

Signal-quality and electrode-impedance checks

03

Compact bedside format

NON-CONTACT CLINICAL THERMOMETER

Infrared temperature measurement for screening and routine clinical use.



TECHNICAL DATA

METHOD

Non-contact infrared

ACCURACY

0.2 C

USE

Clinical and home-care application

DATA AVAILABILITY

Measurement distance and range not stated

CONFIGURATION SCOPE

01

Non-contact measurement

02

Fast digital indication

03

Handheld battery-powered format

UPPER-ARM BLOOD PRESSURE MONITOR

Compact oscillometric monitor for professional and home-care measurements.



TECHNICAL DATA

METHOD

Upper-arm digital blood-pressure monitor

USE

Professional medical-practice use listed

HOUSING

Compact design with carrying grip

DATA AVAILABILITY

Cuff and pressure ranges not stated

CONFIGURATION SCOPE

01

Systolic, diastolic and pulse display

02

Simple one-button operation

03

Portable tabletop design

PORTABLE ULTRASOUND PLATFORM

General and specialty ultrasound configurations for point-of-care imaging.



TECHNICAL DATA

EQUIPMENT CLASS

Portable and cart-based ultrasound

IMAGING

Digital diagnostic ultrasound

CONFIGURATION

Multiple probe ports pictured

DATA AVAILABILITY

Imaging modes and transducer frequencies not stated

CONFIGURATION SCOPE

01

Cart-based and portable formats

02

Multiple transducer options

03

Digital image review and storage

DIGITAL MAMMOGRAPHY

Dedicated breast-imaging platform for diagnostic screening workflows.



TECHNICAL DATA

EQUIPMENT CLASS

Digital mammography system

CONFIGURATION

Floor-standing breast-imaging gantry pictured

DATA AVAILABILITY

Detector and tube values not stated

CONFIGURATION SCOPE

01

Digital image acquisition

02

Ergonomic positioning system

03

Integrated operator controls

DIGITAL RADIOGRAPHY SYSTEM

Fixed-room radiography platform with detector and workstation integration.



TECHNICAL DATA

EQUIPMENT CLASS

Fixed digital radiography

COMPONENTS

Patient table, wall stand and review workstation

DETECTOR WORKFLOW

Digital detector system pictured

DATA AVAILABILITY

Generator and detector values not stated

CONFIGURATION SCOPE

01

Wall stand and patient table

02

Digital detector workflow

03

Image-review workstation

MOBILE RADIOGRAPHY AND C-ARM

Mobile imaging systems for bedside and procedure-area deployment.



TECHNICAL DATA

MOBILE SYSTEMS

Mobile digital radiography and C-arm

USE

Bedside and procedure-area imaging

DISPLAY

Integrated digital image display pictured

DATA AVAILABILITY

Generator and detector values not stated

CONFIGURATION SCOPE

01

Mobile X-ray configurations

02

C-arm procedure guidance option

03

Digital image display

EMG, NCV AND EEG PLATFORM

Integrated neurophysiology systems for peripheral and central nervous-system assessment.



TECHNICAL DATA

PERIPHERAL TESTS

EMG and nerve-conduction velocity

ADDITIONAL TESTS

Evoked potential

CENTRAL TESTS

EEG with video monitoring

CLINICAL SCOPE

Neuropathy, myopathy, epilepsy and stroke assessment

DATA AVAILABILITY

Channel counts and sampling values not stated

CONFIGURATION SCOPE

01

Electromyography and nerve-conduction workflows

02

Evoked-potential configurations

03

Video EEG option

AUDIOLOGY STIMULATION SYSTEM

Electrical stimulation equipment for auditory assessment and rehabilitation workflows.



TECHNICAL DATA

STIMULUS TYPES

Electrical and combined electrical/acoustical

CLINICAL SCOPE

Hearing assessment, tinnitus and rehabilitation

RELATED SYSTEMS

External cochlear system and tDCS listed

DATA AVAILABILITY

Stimulus output values not stated

CONFIGURATION SCOPE

01

Controlled stimulus delivery

02

Tabletop clinical configuration

03

Procedure accessory set

BLOOD GLUCOSE MONITORING

Portable capillary blood-glucose meters with connected workflow options.



TECHNICAL DATA

MEASUREMENT RANGE
10-600 mg/dL

SAMPLE VOLUME
0.5 microliter

TEST TIME
5 seconds

MEMORY
900 tests

HANDLING
Strip ejector

CONNECTIVITY
Bluetooth auto-connect option

CONFIGURATION SCOPE

- 01** Small-volume blood sample
- 02** Stored test history
- 03** Optional Bluetooth data transfer

MOBILE ECG AND DIGITAL AUSCULTATION

Connected handheld tools for remote and point-of-care assessment.



TECHNICAL DATA

MOBILE ECG

6 leads in 30 seconds

RECORDED SIGNALS

PPG, ECG, RR and QRS

AUSCULTATION

Heart/lung separation and recording

AMPLIFICATION

Up to 20x

VISUALIZATION

Real-time phonocardiogram and heart rate

AUDIO

Wireless-headset connection listed

CONFIGURATION SCOPE

01

Rapid mobile ECG recording

02

Digital stethoscope option

03

App-supported review and sharing

AUTOMATED LABORATORY ANALYZERS

Clinical chemistry, immunoassay and electrolyte analyzer configurations.



TECHNICAL DATA

CHEMISTRY

Fully and semi-automated biochemistry analyzers

IMMUNOASSAY

ELISA microplate reader

ELECTROLYTES

Electrolyte analyzer

MOLECULAR

Real-time PCR instrument

OPTICAL

UV-Vis and micro-volume spectrophotometers

WATER

Water analyzer listed

CONFIGURATION SCOPE

01

Automated and semi-automated formats

02

Bench-top laboratory footprint

03

Test-menu dependent reagent systems

IN-VITRO DIAGNOSTIC TEST PANELS

Assay portfolio for infectious disease, thyroid, fertility and chemistry testing.



TECHNICAL DATA

ELISA

Thyroid, fertility, infectious disease and tumor markers

VIRAL PANELS

HIV, hepatitis, ToRCH and SARS-CoV-2 IgG/IgM

CHEMISTRY

HDL, LDL and HbA1c biochemistry kits

MOLECULAR

Enzymatic RT-PCR for COVID-19

DATA AVAILABILITY

Assay performance values not stated

CONFIGURATION SCOPE

01

ELISA and biochemistry panel options

02

Molecular-testing configurations

03

Laboratory workflow packaging

UROLOGY DIAGNOSTIC SYSTEMS

Compact systems for uroflowmetry and erectile-function assessment.



TECHNICAL DATA

UROFLOWMETRY

Non-invasive urinary-flow measurement system

ADDITIONAL SYSTEM

Erectile-dysfunction analyzer

CLINICAL AREAS

Urology and gynecology

DATA AVAILABILITY

Measurement ranges not stated

CONFIGURATION SCOPE

- 01 Non-invasive measurement workflows
- 02 Digital result display
- 03 Portable clinic format

CANCER DIAGNOSTIC AND ELECTROPORATION PLATFORMS

Specialized systems for tissue assessment and controlled electroporation workflows.



TECHNICAL DATA

CANCER PROBE

Real-time intraoperative margin assessment

RESPIRATORY TEST

Real-time ROS detection in fresh sputum

ELECTROPORATION

Systems up to 3000 V listed

CUVETTES

2 mm and 4 mm

TREATMENT SCOPE

Electroporation and electrochemotherapy

CONFIGURATION SCOPE

01

Procedure-specific probes and applicators

02

Compact control-console formats

03

Configuration confirmed by intended use



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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.

CONTACT MTD

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