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Advanced imaging solutions

# Reference Report

**Amadeo M-DR mini** in use at the medical service provider Bihar-Med Kft. in Debrecen, Hungary



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INSTANT DIAGNOSTIC IMAGING.

**Bihar-Med Kft.**

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 Amadeo M-DR *mini*

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## About the Practice

Bihar-Med Kft. is a Hungarian medical service provider based in Debrecen, specialising in allergology, pulmonology and mobile lung screening. In addition to providing diagnostic services at its own practice, the company carries out flexible examinations outside the practice – for example at businesses, in smaller towns or directly at patients' homes.

## Requirements and Objectives

Bihar-Med Kft. was looking for a digital X-ray system that combines excellent image quality with ease of use and maximum flexibility. The system needed to be suitable for both in-practice and mobile use while enabling a fast and efficient examination workflow.

## The Solution

Bihar-Med Kft. chose the Amadeo M-DR mini, a mobile digital X-ray system distinguished by its plug-and-play concept, compact design (weighing just 60 kg) and outstanding mobility. The system has been in daily use for more than four years and has proven to be a reliable solution for a wide range of applications.

## Everyday Experience and the Resulting Benefits

Since its installation four years ago, more than 12,000 chest X-rays have been performed using the system, with a maximum daily volume of 220 X-rays and a peak capacity of 46 X-rays per hour. Users particularly appreciate its intuitive operation and the minimal training required. New staff members are able to operate the system safely after only a short induction period.

Further information is available under  
[www.or-technology.com](http://www.or-technology.com)



Noémi Nagy, Dóra Simon, Dr. Erzsébet Mária Takács  
and Éva Opréné Páll





The outstanding image quality supports reliable diagnosis, while images can be transferred to patients quickly and easily. Another key benefit is the low radiation exposure for both patients and operators.

*"Thanks to its low weight and outstanding mobility, the Amadeo M-DR mini is not only used within our practice," reports Dr. Erzsébet Mária Takács, the practice's chief pulmonologist. "It is also installed in a converted VW Crafter, which serves as a mobile lung screening unit. This allows examinations to be carried out directly at companies, in smaller communities or in patients' homes."*

The system also demonstrates its efficiency during public screening programmes, where chest X-rays can be performed at intervals of around two minutes. Its plug-and-play concept, compact design and high flexibility allow a single system to be used across multiple locations. In addition, Bihar-Med Kft. sees potential for using the system in both human and veterinary medicine.

### Installation and Daily Use

The Amadeo M-DR mini impresses in everyday use with its straightforward operation and rapid readiness for use. Even after several years of daily operation, the Bihar-Med Kft. team continues to rate the system as powerful, reliable and exceptionally user-friendly.

### Customer Testimonial

*"Overall, we are extremely satisfied with the system and particularly appreciate its performance, mobility and ease of use. Its plug-and-play concept, excellent image quality and the flexibility to use the system at different locations make it an invaluable solution for our work."*



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### Amadeo M-DR *mini*

Complete wireless digital  
X-ray solution for  
mobile medical services

The Amadeo M-DR mini X-ray system has been specifically designed for mobile X-ray service providers and is used for home visits, in care homes, by medical relief organisations, and on ships and offshore platforms. Lightweight and easy to manoeuvre, the complete system can be transported in a standard estate car. It enables users to reach even remote locations with ease and carry out examinations quickly and reliably.

The Amadeo M-DR mini system includes all essential components, including an X-ray detector, X-ray generator and image processing workstation with acquisition and diagnostic software featuring a practical X-ray positioning guide for accurate patient positioning.

This lightweight all-rounder can be easily pulled up stairs, turns on the spot without being lifted – a major advantage in confined spaces and lifts – and remains stable even on uneven surfaces. Its large, robust wheels ensure smooth and effortless manoeuvrability.

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