

Mobile X-ray services

# Örebro University Hospital & Kumla prison

Solutions for tomorrow was created to take X-ray wherever patients are located. For many years, premium quality X-ray imaging was limited to hospitals, but with digital detectors and wireless technology, old limitations are gone. We are dedicated to changing the X-ray experience for caregivers and patients through innovative products.

## !M1 is ideal for special projects

Our mobile X-ray unit is the smallest, lightest and most mobile X-ray unit on the market. Its unmatched footprint combined with the long reach of the X-ray tube make it ideal in limited spaces. Therefore, it can easily be adjusted for special needs. It incorporates the latest detector technology and imaging acquisition software. The unit slips easily into a van where it is quickly and safely locked into a place and ready to go wherever patients are located.

## Örebro University Hospital delivers X-ray units to Kumla prison

Kumla prison is Sweden's biggest prison facility in Kumla Municipality, Sweden. Kumla is one of three high prisons in Sweden holding risk inmates (security class 1). Örebro University Hospital is our customer that purchased four units in 2022, two of those are optimised to travel outside the hospital and visit patients in the nearby prison regularly. This gives caregivers a quick and reliable imaging solution that enhances care for patients.

## On-site diagnosis in prisons improves safety and security

Transports to and from prisons are very costly and require many resources. Utilising portable equipment eliminates the need to transport inmates to healthcare facilities, reducing the risk of escape, safety concerns or injury during transport. It helps radiologists and staff diagnose and treat inmates in a timely manner, improving overall healthcare outcomes. Bringing the high quality diagnostics to prisons improves the safety of medical personnel and greatly reduces the huge costs involved in the planning, security and transport of prisoners to external medical facilities. The prison's own security staff are also present to guarantee security. Examinations are carried out by security-controlled healthcare personnel.

## Quick facts about the !Mx mobile X-ray unit

- Hospital grade image quality
- High performance X-ray generator
- The X-ray tube can be freely positioned over the patient to allow all type of examinations
- Powered by batteries - fully independent on a facility of vehicle
- Motorized driving - anyone can move and load/unload the equipment with ease
- Wireless connectivity - built in 4G/5G/wifi router
- Fits into a small size car for easy access to facilities

**Same imaging capabilities -  
multiple usage**

## Benefits of !Mx

Örebro University Hospital has years of experience of performing X-rays in Kumla prison. However, they have experienced limitations with their previous mobile X-ray units - they could do only 5 - 10 examinations at the time and only in a dedicated room of healthcare unit, because the distances have been too long or the space too little.

With our equipment these limitations are gone. The hospital staff can perform all requested examinations. The unit can be transported to the highest security department, also in a small transport elevator.

## Social and economical wins

Every transport from prison is dangerous, very expensive and requires many resources. Additionally, it might put other people in danger. Hospitals are heavily burdened in connection with the care of inmates. Waiting rooms, corridors and other parts of hospitals have to be closed and that results in longer queues for other patients. All of these problems can be eliminated by delivering mobile X-ray units to prisons.



*The !Mx unit can be easily transported in cars and moved to a prison facility.*

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