

Alliance Medical Germany Introduces United Imaging's uMI 550 – A New Era in Mobile PET/CT Imaging



We are pleased to announce the installation of our [uMI 550](#) mobile system in Germany. From the beginning of June, Alliance Medical Germany will be using United Imaging's advanced imaging technology to facilitate access to the highest quality diagnostic services for their patients. Germany is already the second country in Europe where our technology solutions for mobile diagnostics are being implemented, confirming customer confidence in our products and their reliability.

Alliance Medical Germany is part of the international Alliance Medical Group, a European leader in providing mobile diagnostic imaging solutions. For 33 years, Alliance Medical has been supporting European medical facilities by providing access to advanced imaging technologies such as MRI, CT, PET and X-ray imaging.

Alliance Medical employs over 500 experienced radiologists and clinical support staff, minimising its reliance on agency staff. In addition, its sophisticated resource allocation planning systems ensure that the right people are in the right place at the right time. As a result, more than 50 public and private hospitals and clinics have chosen to use Alliance Medical's services, recognising the high quality of patient care, use of state-of-the-art technology and operational efficiency.

Mobile diagnostic services provide a very useful support to medical centres, enabling them to reduce waiting lists and maximise patient throughput. This allows such centres to manage their resources more efficiently and focus on providing the best possible patient care in all areas.

The uMI 550 mobile system from [United Imaging](#) is an advanced PET/CT scanner housed in a custom-built truck that enables the provision of high quality diagnostic services in areas with limited access to advanced medical equipment.



Designed with patient comfort in mind, the truck features a spacious interior and easy access to the system to ensure user-friendly, comfortable and efficient examinations. In addition, the uMI 550 incorporates advanced solutions that significantly reduce noise and shorten scan times, further minimising patient discomfort.

The uMI 550 sets new standards in medical imaging through the use of groundbreaking technologies. Our innovative system uses a state-of-the-art digital PET detector with integrated fibre optics and an innovative 80-layer CT scanner with a cutting-edge Z-detector as well as AI-based image analysis solutions that further enhance diagnostic accuracy.

What sets the uMI 550 apart? First and foremost its exceptional image resolution, which has been achieved through an advanced iterative reconstruction technique based on a point spread function that provides an effective spatial resolution of 1.4 mm. This high-precision technology allows the finest anatomical details to be accurately reproduced, helping clinicians to diagnose even the most complex cases. Our technology not only provides high spatial resolution imaging, but also excellent low-contrast lesion detection. In addition, thanks to its advanced Z-detector architecture, the uMI 550 delivers high quality images with minimal radiation dose, significantly improving patient safety.

Designed for comprehensive diagnostics, the uMI 550 supports a wide range of imaging protocols and techniques, allowing examinations to be precisely tailored to individual clinical needs. These unique features make the uMI 550 an indispensable tool for diagnostics in oncology, cardiology, neurology and other medical fields where high quality, accurate PET/CT imaging is critical.

The uMI 550 is a perfect solution for providing mobile diagnostic services. The system is designed to be ready for use when it arrives on site, saving significant installation and calibration time. In addition, the uMI 550 easily integrates with other IT systems in medical facilities,

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streamlining the management of patient data and examination results.

The uMI 550 mobile system will enable advanced diagnostic imaging to be delivered where it is needed most, particularly in rural and remote areas where access to medical facilities is severely limited. In addition, the uMI 550 will help hospitals and clinics that have limited resources or are overwhelmed during periods of increased demand for diagnostic services, enabling them to offload their systems and provide high quality diagnostic services.

Discover the potential of the uMI 550! Find out about its innovative features and benefits:

<https://eu.united-imaging.com/en/product-service/products/mi/umi-550>

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