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## MR Solutions launches complete range of preclinical helium free MRI systems

A whole range of helium free, preclinical MRI systems has been announced by, UK based, MR Solutions following the successful launch of the world's first commercial helium free machine late last year.

The new range of three scanners, with bore sizes 16cm, 31cm and 72cm, will be able to scan from small to medium sized animals. These scanners have four distinct advantages over competitor machines.

Firstly and most importantly they offer superior soft tissue contrast and molecular imaging capabilities. Secondly they are very competitively priced, as there is no need for all the cryogen cooling equipment. Thirdly because they have a very small stray magnetic field they can be placed close to other scanners for much more efficient operation and fourthly because of the lack of liquid helium cooling and required safety equipment the scanners are easy to install and need no expensive building alterations.

The smallest of the scanners the 16cm bore is freely available while the other two machines the 31cm and 72cm will be available by the end of the year - orders for these machines are already in the pipeline.

Physicist Dr. David Taylor, CEO of MR Solutions commented, "We believe that these machines will revolutionise the pre clinical benchtop market place as they offer superior scanning resolution, affordability and operational benefits. Since our launch last year of the smallest in the range we already are ahead of sales projections with strong interest for many more. The introduction of the two new scanners for larger animals was driven by demand from our clients."

The breakthrough of eliminating the need for liquid helium to cool the superconducting magnets to 4 degrees above Kelvin (-269 F) was a development pioneered by MR Solutions and their magnet partner.

MR Solutions with its partners is already developing a new range of multi-modality, preclinical scanners which will also be helium free.

MR Solutions has been a leader in the MRI field for many years not only with its range of bench top scanners but also with its EVO MRI spectrometers which have the widest range of capabilities both for pre clinical and whole body scanners. They are the spectrometer of choice when upgrading a scanner or when extra detectors are added. They are also widely used by OEMs.

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