

MagMan 4th Generation Frequently Asked Questions (FAQ's)

Q. What is the smallest pipe diameter the MagMan can perform an inspection on?

A. The MagMan can perform a TOFD inspection on pipes from 2"OD up to flat, and for phased array inspection from 4"OD up to flat (for combined TOFD and PA pipes from 4"OD up to flat).

Q. Can the MagMan perform inspections on longitudinal/seam welds?

A. The MagMan can be used for inspecting longitudinal welds down to a minimum OD of 9".

Q. How many probes can I hold simultaneously on the MagMan?

A. The MagMan has the ability to hold anything from a single probe up to a maximum of 12 probes (this is dependent on the types of probes used and the size of pipe to be inspected. Contact your sales representative for more information.

Q. Do I need to use any tools when adjusting the MagMan?

A. The MagMan has been designed with quick release adjustments for ease of use and to reduce the reliance on tools during site inspections. The only time you need to use a tool is when rotating the wheels for use on different diameters. Everything else on the scanner is tool free.

Q. I have various acquisition units at my disposal; can I use MagMan with all of them?

A. The MagMan is compatible with all manufacturers' acquisition units. There are a range of adapters available which allow you to use MagMan with a choice of acquisition units. Let us know which units you have and we can supply the appropriate adapters.

Q. What type of material can MagMan inspect?

A. MagMan is fitted with strong magnetic wheels so is ideally suited for use on ferromagnetic materials to ensure strong contact and stability. Please contact us for solutions for other materials.

Q. Can MagMan be used on Stainless Steel pipe?

A. MagMan is supplied as standard with magnetic wheels, but if requested these can be changed for plastic wheels.

Q. What does the standard MagMan kit include?

A. The standard MagMan kit includes; 1 x adjustable scanner frame, 4 x Magnetic wheeled suspension units, 1 x Waterproof wheel encoder, Irrigation manifold and tubing and 1 x rugged carry case. Please refer to the order information table for specific order codes for standard toolpost and phased array cradle quantities and combinations.

Q. Does the standard MagMan kit include probes?

A. MagMan can accommodate a wide range of probes therefore no specific probes are supplied as standard. Operators can utilise their own existing probes or contact a Phoenix sales representative to purchase new or replacement probes from the wide range available covering various scanning techniques.

Q. Will my probes fit the MagMan?

A. MagMan can hold any manufacturers TOFD probe and wedge combination. It also has the ability to hold a variety of phased array and conventional probe and wedge combinations. Please specify which type you will use when ordering.

Q. Is the encoder supplied with the MagMan waterproof?

A. The encoder on the MagMan is IP68 rated, which means it can be fully submersed in water down to 1m.

Q. What is the largest Probe Centre Separation (PCS) I can get with the MagMan?

A. The MagMan can be supplied along with a PCS extension bar which allows the operator to have a Probe Centre Separation of up to a maximum of 450mm. See accessories section for order code.

Q. What is the total weight of MagMan for transportation?

A. MagMan has a lightweight aluminium frame weighing 3kg. The total weight of each MagMan kit is dependent on your chosen MagMan specification i.e. variations in number of standard toolposts with forks and phased array cradles.