The highly versatile MagMan now features fourth generation upgrades to make this manual weld inspection scanner even easier to use in the field.

MagMan can hold twelve probes, so is ideal for inspections requiring a combination of phased array and one or more TOFD pairs or multiple UT probes and can be configured to inspect pipe welds from 2” OD circumferential and 9” OD longitudinal up to flat on ferromagnetic material.

MagMan updates include; Three new increment rails for more accurate PCS measurements, A waterproof spring-loaded wheel encoder and Quick release toolpost and wheel adjustments and quick release wedge changes, reducing the reliance on tools.

Compact yet robust, MagMan also benefits from large magnetic wheels providing a stable platform and a smooth rolling motion. The frame includes angular adjustment to enable the scanner to be used on small diameter pipes.

Up to twelve transducers, arranged as six pairs on either side of the weld are mounted on to spring-loaded toolposts that push them onto the inspection surface with a constant force providing a stable positioning system. The toolposts incorporate gimbals in two directions to ensure the transducers stay in constant contact and accommodate surface variations.

MagMan can operate with any multi-channel flaw detection system and optional accessories include, a guide chain to maintain scanner alignment and direction or a laser guide for the operator to track a weld line by eye.
**Features**

- Holds up to 12 probes
- Probes independently sprung and gimbaled
- Independent suspension on all four magnetic wheels for uneven surfaces
- Accurate tracking via guide chain and laser guide
- Water-proof, spring-loaded wheel encoder

- Quick release adjustment throughout
- Frame incorporates three measurement rules for accurate probe separation
- Compact design: 350mm x 325mm
- Lightweight yet robust aluminium frame: 3kg

**Options and Accessories**

- AEP-TPOST-30 Standard Toolpost
- AEP-TP-FORKS-30 Forks & 30x30mm base
- AEP-TP-PA-CRADLE Phased Array Cradle
- AEP-ENCWP-2.5M-TERM Wheel Encoder with 2.5M cable
- AEP-ENCWP-5M-TERM Wheel Encoder with 5M cable
- AEP-MAGMAN-ENC-BRACKET Encoder Bracket
- AEP-MAN-CHAIN 5M Guiding Chain
- AEP-MAN-CHAIN-GUIDE Chain Guide Bracket
- AEP-MAGMAN-PCS-EXT-BAR Bar attachment
- AEP-MAN-LASER-Guide Laser guide and bracket

**Kit**

- 1 x Adjustable scanner frame
- 4 x Magnetic wheeled suspension units
- Waterproof spring-loaded encoder wired for any system (includes 5m cable)
- Standard Toolposts (see order information for quantities and codes)
- 2 x Phased array wedge cradles (applicable to PA models only)
- Irrigation manifold and tubing
- 1 x Rugged carry case

**Order Information**

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**Scan**