



Find Us Online



TikTok



PERMANENT MAGNETIC YOKE

Description

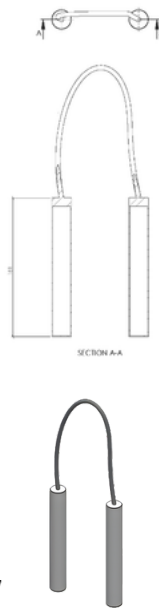
The Permanent Magnetic Yoke is a high-performance inspection tool designed for professionals who demand accuracy, reliability, and efficiency in non-destructive magnetic particle testing. Built using powerful neodymium (rare earth) magnets, it delivers a strong magnetic field for the detection of both surface and near-surface defects in ferromagnetic materials.

Engineered for rugged environments, the yoke features a flexible coated steel cable encased in a stainless steel tube, ensuring maximum durability and ease of cleaning. With no electrical supply required, it offers complete portability, making it ideal for field inspections, workshop use, and hard-to-reach areas.

Designed for ease of use, the yoke works seamlessly with contrast paints and magnetic inks to quickly highlight cracks, lack of fusion, and other structural flaws. Its lightweight yet robust construction allows for comfortable handling, while the adjustable leg span ensures adaptability across a wide range of applications.

- Portable, non-electric operation for maximum convenience
- Powerful magnetic field for accurate defect detection
- Durable stainless steel construction for harsh environments
- Flexible design for difficult-to-access inspection areas

Delivering an unmatched combination of strength, durability, and practicality, the Permanent Magnetic Yoke is an essential tool for ensuring weld integrity and structural reliability. Whether in the field or workshop, it provides fast, dependable inspection results you can trust.



Key features:

- Portable and lightweight for difficult field inspections
- No electrical supply required for independent operation
- High performance magnetic field detects surface defects
- Durable stainless steel construction ensures long service
- Flexible cable design adapts to inspection surfaces
- Fast accurate results identify cracks and flaws
- User friendly operation with simple inspection process
- Versatile applications across workshops and maintenance environments

Magnet Specifications

Magnet Type	Neodymium (Rare Earth)
Magnet Grade	N48
Pull Force	> 23 kg
Leg Span	170 mm
Diameter	25 mm

Yoke Specifications

Length	425 mm
Material	Stainless Steel (SS304)
Weight	600 - 700 g

Wire Specifications

Material	Flexible Coated Steel Cable
----------	-----------------------------

More Information: sales@tpeng.co.za Our Phone: +27 10 110 9591 Message us: +27 61 541 9927

Visit us: Unit 1, Building 5, Malibongwe Industrial Park, Mogale City, South Africa, 1739