

Y8 ELECTROMAGNETIC YOKE

MAGNETIC PARTICLE INSPECTION EQUIPMENT



Product Description

The Y8 Yoke is a lightweight encapsulated battery powered Yoke used for the detection of near surface defects in any ferro-magnetic material.

The Y8 Yoke, battery pack and battery charger combines low cost, light weight and leg adjustability, making it one of the most versatile pieces of magnetic particle equipment available.

The poles are adjustable from 25 – 250 mm making the Yoke ideal for inspecting components of different geometries.

The battery pack comes with a convenient shoulder strap which offers the ultimate in portability for field inspectors.

With its ease of use for single-handed operation it is widely used in the testing of welds, automotive components, steel and grey iron castings, and for in-plant inspection and repair.

Product Features

- **Lightweight**
- **Portable**
- **Articulated legs with 25 x 25 mm pole area**
- **Exceeds specific lift weight requirements**

Specification and Operating Data

Battery charger AC voltage	230 V and 110 V versions
Frequency	50/60 Hz
Battery output (DC)	6 V (12 A/Hour)
Yoke DC voltage	6 V
Supply current (Amps) in air	1.5 Amps
Weight (Kg) lifted at 140 mm pole spacing	32 Kg
Weight	Yoke – 3.8 Kg Battery charger – 1.3 Kg Battery – 2.2 Kg
Units carry the CE mark and conform to the appropriate European Union directives	√
Part number	001Y024 – kit comprising Yoke, battery, battery pouch and charger

Certified Test Weights (available for both AC and DC)

Part number 026T018B AC test weight (4.5 Kg)
Part number 026T018A DC test weight (18 Kg)

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