

Permanent Magnet: Flaw Finder Type A

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„Flaw-Finder“: The easy way for the effective magnetization of components for crack dimensions and flaws.

This test instrument consists of 2 permanent yoke magnetics which are connected with a flexible cable. Uncomplicated, fast and efficient testing becomes possible by this simple method, particularly where the use of electromagnetic yokes is impractical or prohibited for safety reasons.

This instrument can be applied at all instances where the safety regulations according to explosion protection exists.

The Flaw-Finder Type A was created and testing according to ASTM E709-95 and ASTM E1444.

This instrument especially proved for effective in testing small parts and welds.

This permanent magnet “Flaw Finder” will be delivered with carrier case.

Technical specifications: (subject to changes)

Lifting power:	> 30 kg ((minimum lifting force according ASTM E1444 is 22,5kg
Magnet Material:	Neodymium
Field strength:	> 15 Oe (distance between poles 150 mm)
Outer diameter of the permanent magnet:	32 mm
Hight of the magnets:	32 mm
Lenght of the junction cable:	400 mm
Weight (wihout case):	appr. 900 g

Safety Indication:

Magnetic fields could produce a perturbation of medical equipment such as pace-maker. Hold a distance to sensitive electronic equipment such as computers.