

## Magnetic Flaw Detector (Magnetic Yoke) NOVOTEST MPD-DC



Magnetic Flaw Detector (Magnetic Yoke) NOVOTEST MPD-DC applies in circumstances where the electric equipment mustn't be used or prohibited by the rules. Device is used during magnetic particle inspection (where it is applicable) according to ASTM E 709, ASTM E 1444, ASME Section V Article 7 and MIL-STD-1949.

Magnetic Flaw Detector NOVOTEST MPD-DC is used to detect surface and subsurface cracks of all kinds (flake, lack of fusion welded joints, tears etc.) in structures made of ferromagnetic materials.

The device has two permanent magnets placed in a cylindrical

shells, which are connected by a flexible magnetic wire, so it can be used for MPI of remote locations, corner welds and other products of various shapes and sizes.

- Specifications

Magnetic field strength at the center of the air gap between the poles	200 kA / m
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Magnetic field strength in the air in the middle region between the working ends of the magnet, not less	65 kA / m
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Lift force, not less	22 kg (50 pounds)
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Interpolar distance	350 mm
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Weight of the device, not more	0.6 kg
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Dimensions – cylindrical – flexible magnetic core	40*120*360 mm
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- Available options

- Magnetic flaw detector separately



- Magnetic flaw detector; set of materials for magnetic particle inspection; magnifying glass; flashlight.
- Magnetic flaw detector; set of materials for magnetic particle inspection; magnifying glass; flashlight and control sample for the MPI.
- Standard package
  - Magnetic Flaw Detector
  - Operating manual
  - Bag
- Media