

## Cross Yoke NR 01

Contactless and contact magnetization



Cross Yoke NR 01	Art. no. 131.011.120
Operating voltage	2 x 50 V AC
Operating current	2 x 60 A
Pole spacing (centre/centre)	360 x 360 mm
Pole cross section	60 x 60 mm
Dimensions	330 x 500 x 330 mm
Lifting force	> 600 N
Duty cycle	60 %
Weight	approx. 85 kg
Protection system	IP 54

**Cross Yoke NR 01** is used for contactless and for magnetization by placing upon the surface of the test specimen. The yoke is supplied by two equal AC currents at 90 degree phase shift. Thus, a rotating magnetization vector is created, whose field strength is equal in all directions.

With this technology surface defects can be detected independently from their offset direction during one inspection step.

Therefore, the cross yoke is particularly suitable for testing pipe ends, gears and cylindric test specimens.

Cross yoke NR 01 is fully sealed and designed according to IP 54 protection.

Holding systems can be manufactured acc. to customer request.

**Necessary accessories:**

- Art. no. 131.011.121 Control unit
- Art. no. 131.020.090 Foot switch
- Art. no. 131.011.122 Hold system acc. to customer request

Heidgraben, February 2018  
 Subject to technical changes