



COMPLETE  
SOLUTION  
FOR NDT

ULTRASONIC TESTING

## UZM 400

The ultrasonic inspection system *UZM 400* is designed for fully automated ultrasonic testing of both inner and outer rings of cylindrical roller bearings, offering everything you need in one place. The efficient design of *UZM 400* enables comprehensive ultrasonic testing with automatic loading, precise positioning and automatic testing evaluation.

Thanks to automatic scanning, clear process monitoring and automatic sorting of parts into OK and NOK categories testing is quick and precise.

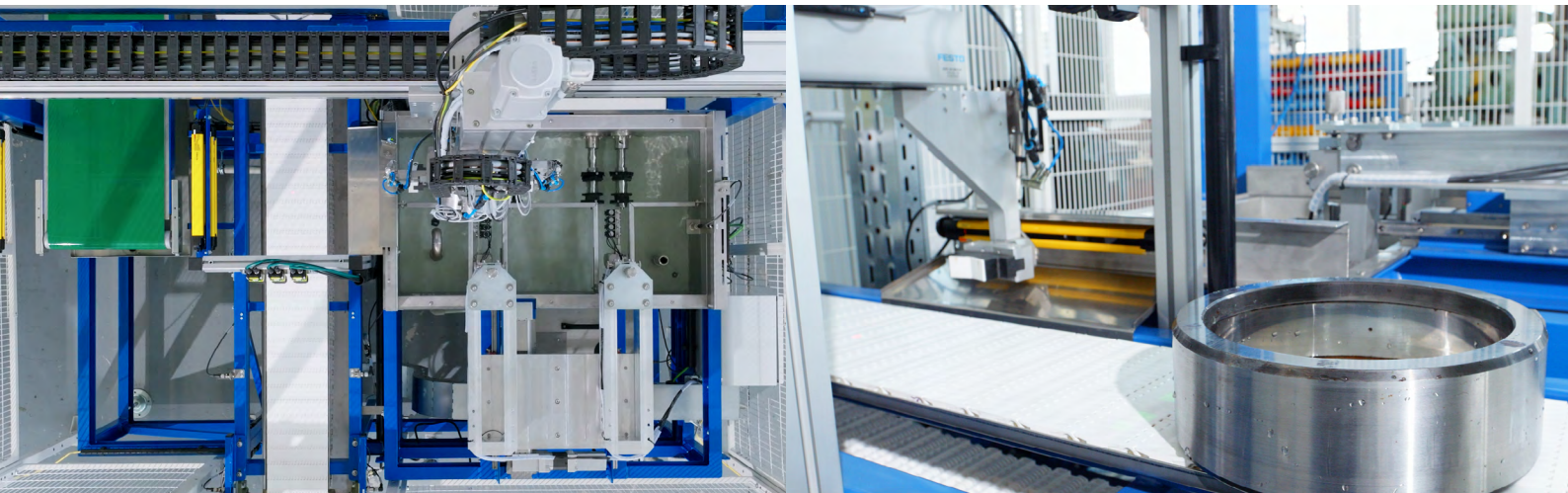
The *UZM 400* can be used either as a stand-alone system or can be easily integrated into an inspection or production line.

### Key features

- Ultrasonic testing in accordance with EN 12080 standard
- Fully automated ultrasonic inspection, evaluation and sorting system
- Inspection of outer and inner cylindrical roller bearing rings
- Sensitivity of 0.5 mm FBH located 0.5 mm below the raceway
- Fast inspection and evaluation process (90 secs per largest part)

## Parameters

Maximum outer rings OD	400 mm
Minimum inner rings ID	85 mm
Maximum inspection time	90 sec
Maximum load capacity	12 kg
Loading / unloading	acc. to the customer's specific requirements



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