

ATE

COMPLETE
SOLUTION
FOR NDT



EDDY CURRENT TESTING

WHEEL TESTER AWT 950 NG

The Advanced Wheel Tester AWT 950 NG is designed for Non-Destructive Testing utilizing Eddy Current Testing on aircraft wheels' rim surface for a maximum wheel diameter of 950 mm.

The AWT 950 NG enables automatic testing of NLG (Nose Landing Gear) and MLG (Main Landing Gear) wheels from all main wheel manufacturers (e.g. Goodrich, Honeywell, Messier-Bugatti-Dowty and others).

The device is equipped with the ELOTEST M3 which enables automated ET testing which can also be removed from the system and used in the wheelshop or elsewhere on the aircraft for further ET testing.

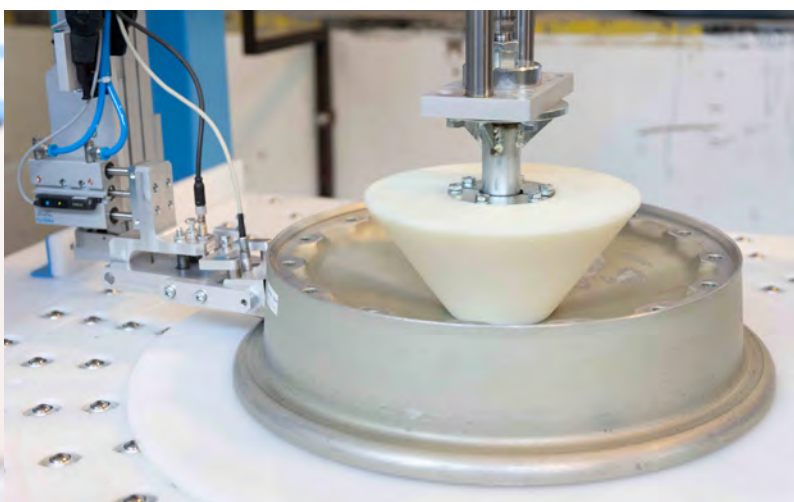
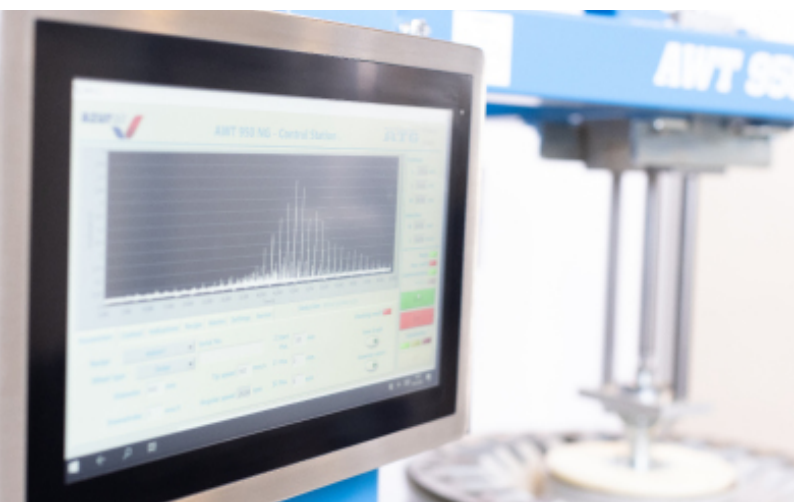
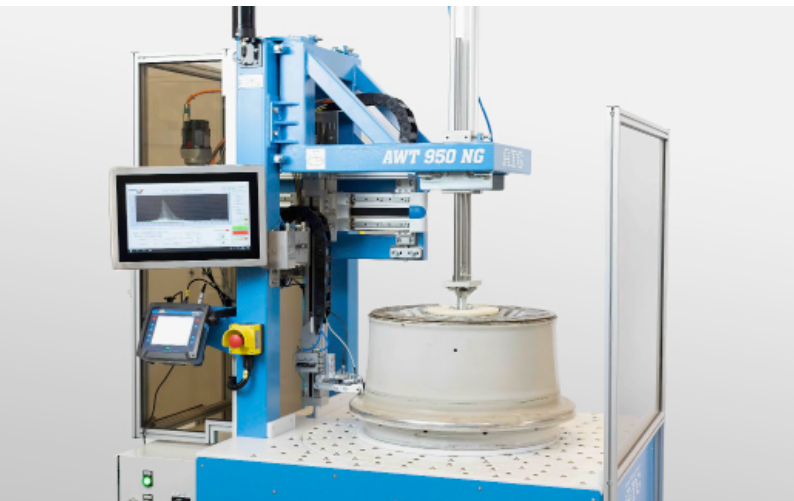
Key features

- Excellent sensitivity and low noise
- Fast & easy inspection
- Easy integration into your conveyor system
- Automatic and manual mode
- Adjustable height of the rotary table
- Archiving and printing of ET reports, programmable preset settings
- Open, customizable system
- Detachable ET equipment suitable for other ET inspection tasks in the shop

Options: Protective doors; status indicator light (green/red/orange); acoustic notification of defect or failure; mount for EC equipment (ELOTEST M3 and data-logger); EC equipment and probes from Rohmann GmbH; large touch screen (up to 15")

Parameters

Diameter range of tested wheels	from 150 mm up to 950 mm
Loading limit	120 kg
Maximum rotation speed	90 rpm
Operating air pressure	3,5 up to 6 bar
Consumption	5 kVA
Min. detection ability for following horizontal defect size by KDB probe on the reference wheel	depth: 0,76 +/- 0,05 mm width: 0,1 +/- 0,05 mm length: 1,52 +/- 0,05 mm
Axis Z ensures vertical movement of probe "in spiral"	scanning of disc surface during rotation – motorized in range 450 mm (vertically)
Rotary testing speed is adjustable	between 10 up to 90 rpm for the smallest diameter of a wheel



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