



ISO 18563-3

**Non-destructive testing —
Characterization and verification
of ultrasonic phased array
equipment —**

**Part 3:
Complete systems**

*Essais non destructifs - Caractérisation et vérification de
l'appareillage ultrasonore multiélément —*

Partie 3: Systèmes complets

**Second edition
2024-05**

This is a preview of ISO 18563-3:2024. [Click here to purchase the full version from the ANSI store.](#)



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ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Email: copyright@iso.org
Website: www.iso.org

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This second edition cancels and replaces the first edition (ISO 18563-3:2015), which has been technically revised.

The main changes are as follows:

- integration of matrix array probes;
- deletion of group 1 and 2 tests;
- addition of a clause on the use of imaging for complete system verification (9.4.3) as a simplification for a more functional standard (characterisation of beams moved to [Annex A](#));
- addition of signal processing techniques using arrays (e.g. total focusing technique (TFM)) in the scope.

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