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## The State of the Magnetic Measurements of the NICA Collider Twin-Aperture Quadrupoles

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Magnetic system of the NICA collider includes 46 twin-aperture superconducting quadrupole magnets. The magnetic field measurements of each magnet in operating mode are carried out during assembly and testing of modules. For the time being 75% of the magnets are successfully passed the tests. This paper describes magnetic measurements methods, the development of the dedicated system for quadrupole magnets of the NICA collider, state of serial magnetic measurements and results of test at helium temperature.

### Summary

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**Session Classification:** Sectional talks