



Heavy-duty goniometer for a superconducting magnet <NDG-404>

This goniometer is a heavy-duty goniometer for experiments using a superconducting magnet. The materials are basically non-magnetic and stepper motors are covered with magnetic shields. Its load capacity is about 300kgf. It is equipped with one tilting, X-Y translations and theta-2theta rotation



Features

- ◆ Load Capacity : 300kgf
- ◆ Table size: ϕ 590mm
- ◆ Theta-2Theta axis, Rx axis (WD: 255mm) Tx/Ty axis

Specifications

Model	NDG-404
Travel range	Rx: $\pm 3^\circ$, Rz: $\pm 175^\circ$, 2Rz: $\pm 153^\circ$ Tx/Ty: ± 20 mm
Resolution	Rx: 0.12 arcsec/step, Rz/2Rz: 0.2 arcsec/step Tx/Ty: 0.1 μ m/step
Motor	5-phase stepper motor
Load capacity	300 kgf
Work distance	255 mm
Dimension	Φ 590 mm x 289 mm(H)