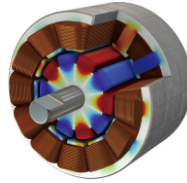


Magnetic field distribution tester

Model

KCS-909N1-C16

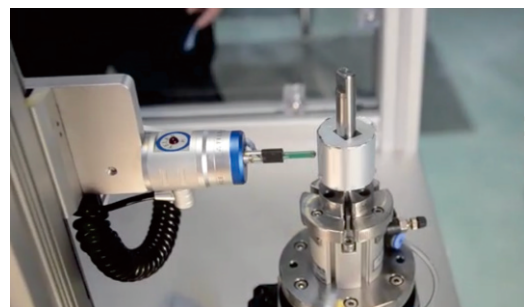
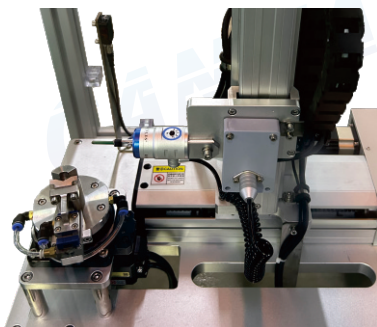
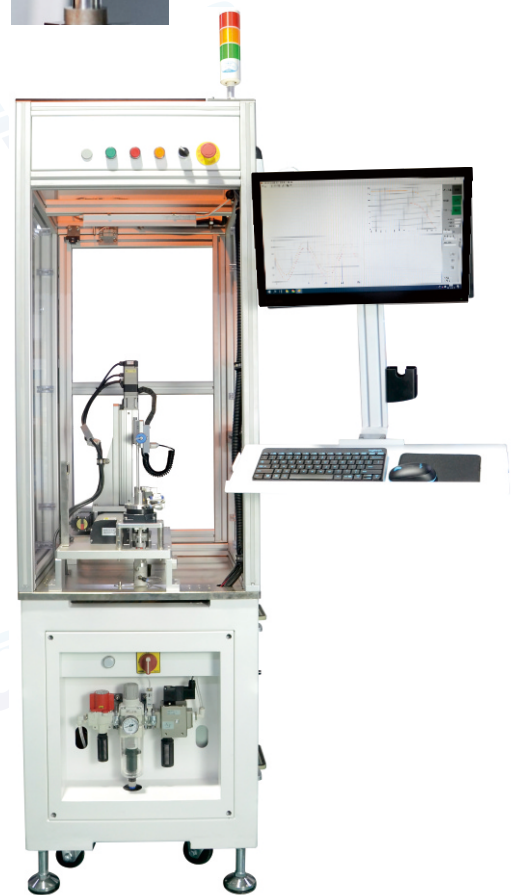


Function

- Measure the distribution of magnetic field on the surface of a rotor, in grid-like trajectory.
- Draw a magnetic field curve by scanning the magnetic field.

Peculiarity

- ◆ Collect 36,000 groups/circle of high-precision data and measure it. The angular accuracy reaches 0.01° .
- ◆ With slope calculation function.
- ◆ Probe test position and standby position can be set.
- ◆ Can be set to multi-point automatic movement measurements.
- ◆ The measurement speed is continuously adjustable.
- ◆ It can be started at a fixed point or at a zero point.
- ◆ Record the maximum, minimum, average and peak data for each pole in the distributed magnetic field.
- ◆ Record the maximum angle, minimum angle, average angle and angle data for each pole in the distributed magnetic field.
- ◆ Record the area and duty cycle of each pole.
- ◆ Draw curve can overlap multiple curves for comparison.

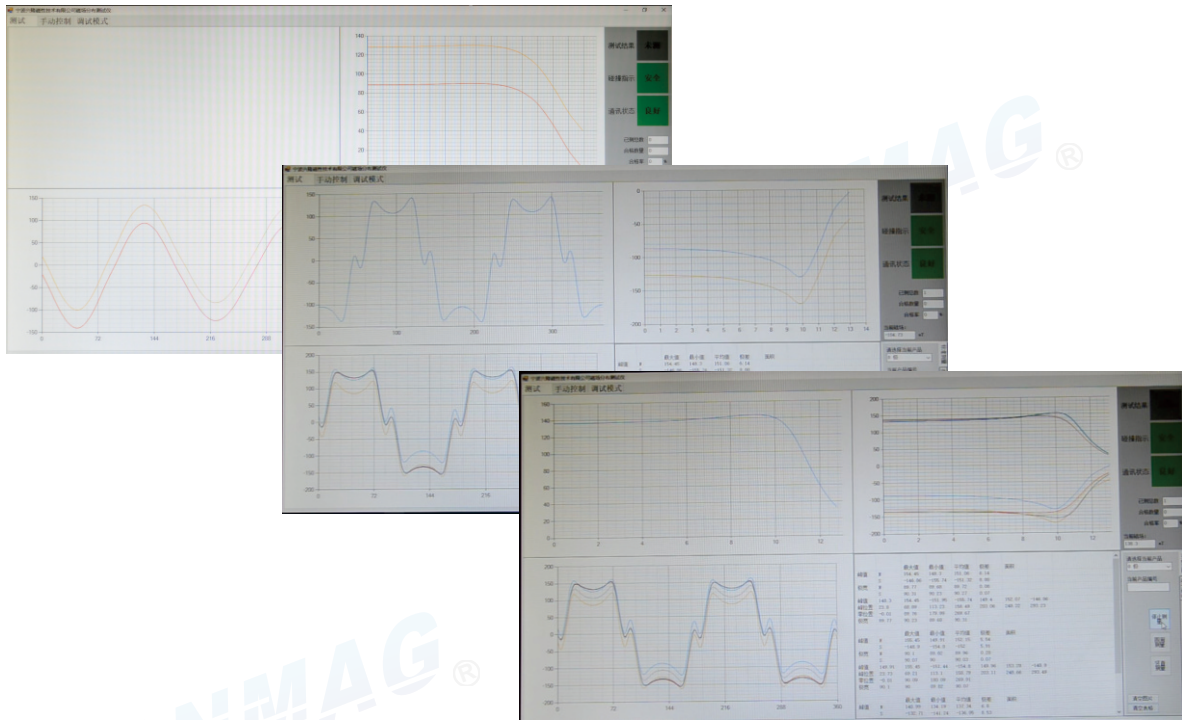


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Waveform graph



Technical parameter

Model	KCS-909N1-C16	Rotation Repeat Error	$\pm 0.01^\circ$
Power	AC.220V 10A	Diameter range	$\Phi \leq 200\text{mm}$
Warm-up time	3min	Software	Companion software
Range	0-1000mT	Operating temperature	$-5^\circ\text{C} \sim 40^\circ\text{C}$
Gaussian resolution	0.1GS	Relative humidity	0% ~ 70% (indoors)
Width resolution	0.01mm	Dimensions	W D H 600x600x2000
Fastest spin test	1 turn/3s	Weight	About 160 KG

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