

Magnetic field distribution tester

Model

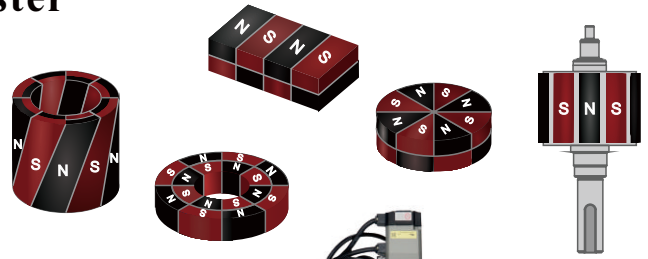
KCS-907RL

Function

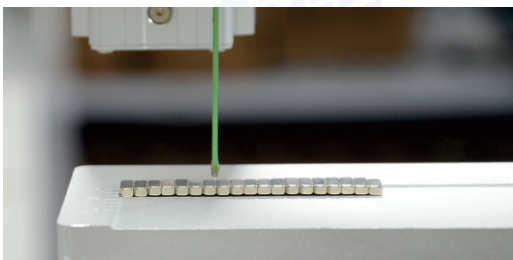
- Magnetic field distribution test of magnetic surface of various products.
- Test results are presented in waveforms and numbers.
- Suitable for various magnetic materials such as rings discs squares strips rotors stators etc.

Peculiarity

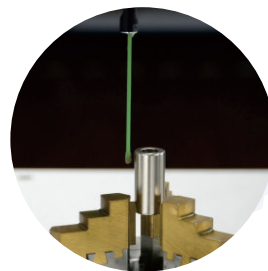
- ◆ Collect 36,000 sets of high-precision data, and the measurement angle accuracy reaches 0.01° .
- ◆ There is a slope calculation function.
- ◆ Probe test position and standby position can be set.
- ◆ Can be set to multi-point automatic movement measurements.
- ◆ The measurement speed is continuously adjustable.
- ◆ It can be started at a fixed point or at a zero point.
- ◆ 2 test methods, rotation test and plane scan test.
- ◆ 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.



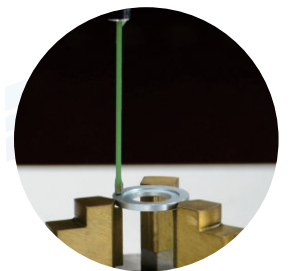
Test method



Straight-line measurements



Measurement of circumferential surfaces (inside/outside)



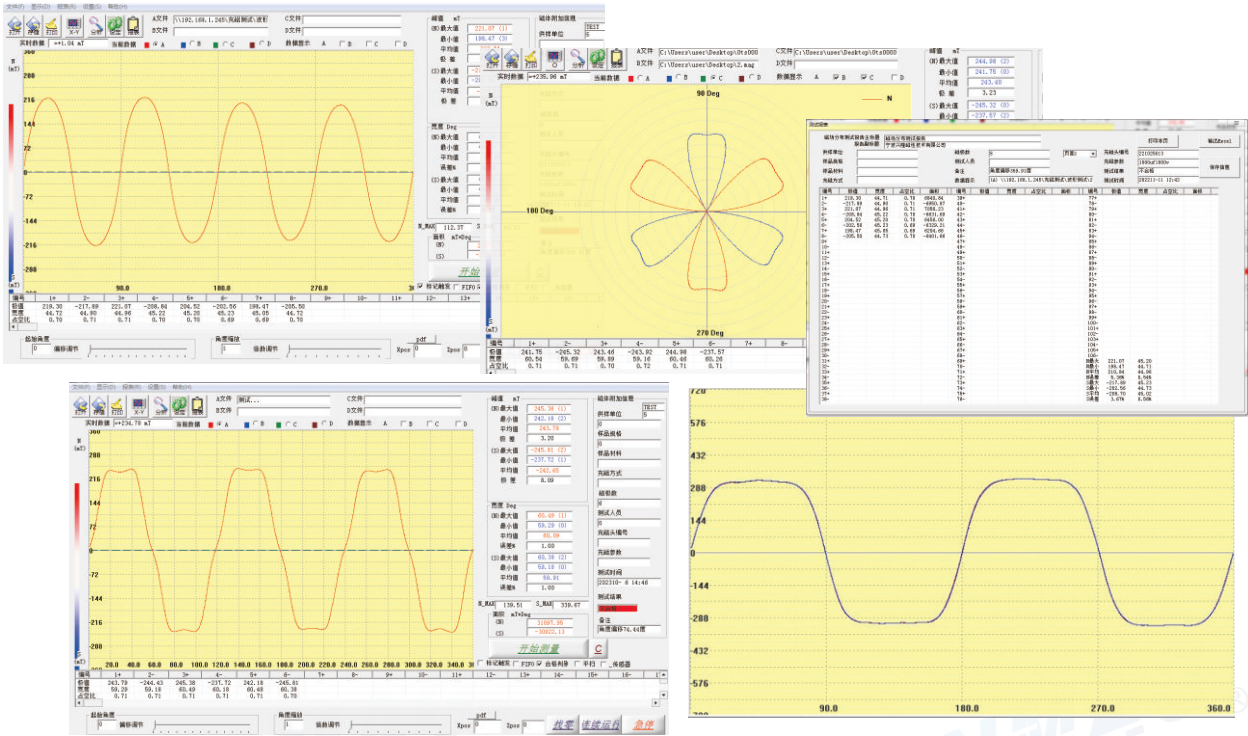
Measure the circular plane

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Waveform graph



Technical parameter

Model	KCS-907RL	Flat sweep measurement length range	$L \leq 150\text{mm}$
Power	AC.220V	Flat sweep measurement height range	$H \leq 70\text{mm}$
Warm-up time	3min	Outside diameter clamping range	$\Phi 1 - \Phi 81\text{mm}$
Max.output curr	0-1000mT	Inner diameter clamping range	$\Phi 31 - \Phi 70\text{mm}$
Resolution	0.01mT	Software	Companion software
Drift	$\pm 0.1\text{mT}$	Operating temperature	$-5^{\circ}\text{C} \sim 40^{\circ}\text{C}$
Error	$\pm 1\%$	Relative humidity	0% ~ 70% (indoors)
Rotation measurement height range	$H \leq 100\text{mm}$	Dimensions	W D H 520x510x800
Rotation measurement diameter range	$\Phi \leq 150\text{mm}$	Weight	About 35 KG

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