

## Magnetic field distribution tester

### Model

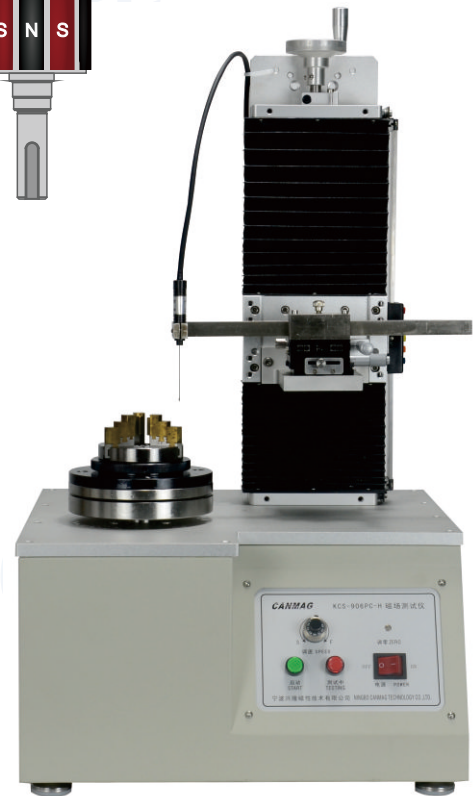
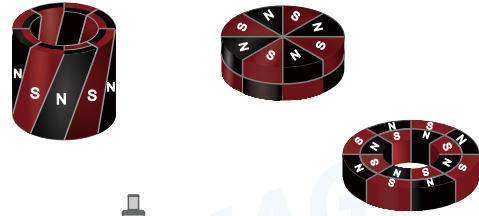
KCS-906PC-H

### Function

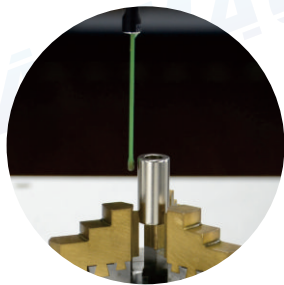
- Magnetic field distribution test of magnetic surface of various products.
- Test results are presented in waveforms and numbers.
- Suitable for various magnetic materials such as rings, discs, rotors, stators, etc.

### Peculiarity

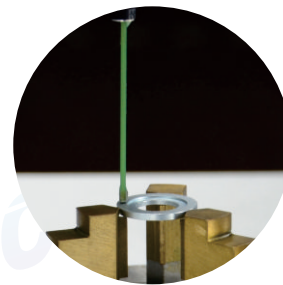
- ◆ Collect 36,000 sets of high-precision data, and the measurement angle accuracy reaches  $0.01^\circ$ .
- ◆ The measurement speed is continuously adjustable.
- ◆ It can be started at a fixed point or at a zero point.
- ◆ Record the maximum, minimum, average and peak data for each pole in the distributed 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.



### Test method



Measurement of circumferential surfaces (inside/outside)



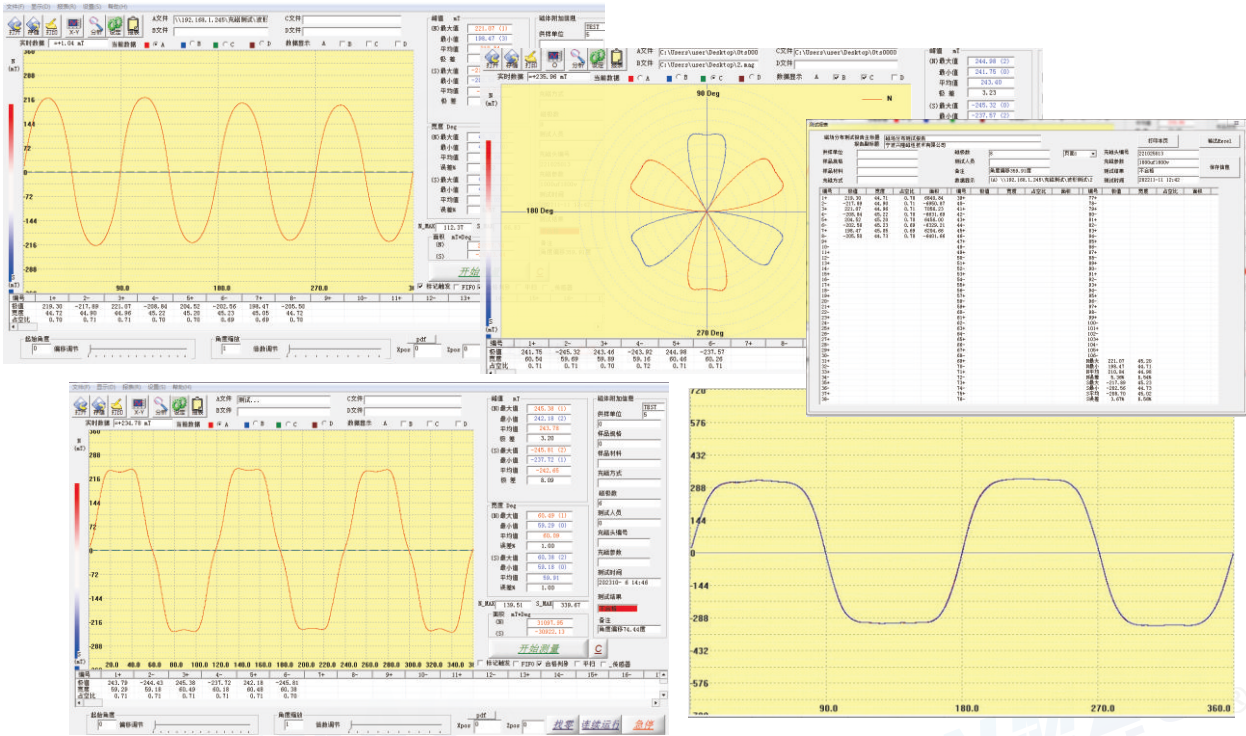
Measure the circular plane

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**Waveform graph**



**Technical parameter**

Model	KCS-906PC-H	Product OD range	$\Phi \leq 150\text{mm}$
Power	AC.220V	Outside diameter clamping range	$\Phi 1 - \Phi 81\text{mm}$
Warm-up time	3min	Inner diameter clamping range	$\Phi 31 - \Phi 70\text{mm}$
Max.output curr	0-1000mT	Software	Companion software
Resolution	0.01mT	Operating temperature	$-5^{\circ}\text{C} \sim 40^{\circ}\text{C}$
Drift	$\pm 0.1\text{mT}$	Relative humidity	0% ~ 70% (indoors)
Error	$\pm 1\%$	Dimensions	W D H 420x410x770
Product height range	$H \leq 150\text{mm}$	Weight	About 25 KG

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