

# OSC 92OT203 Inertia Moment Measuring Device

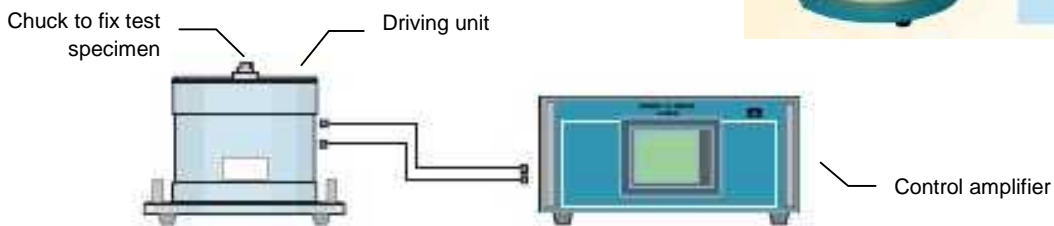
## <Features>

The principle of measurement utilizes the theory that the change of momentum equals to impulse. Fix the test sample to the chuck, execute reciprocating optimum forcible oscillation at optional certain angle in accordance with the inertia. Measure the inertia generated at that time. Detected signal is calculated by computer and measured in a short time, no matter what the inertia moment is large or small.

1. Measurement in a short time
2. High accuracy
3. Excellent reproducibility
4. Wide range of measurement

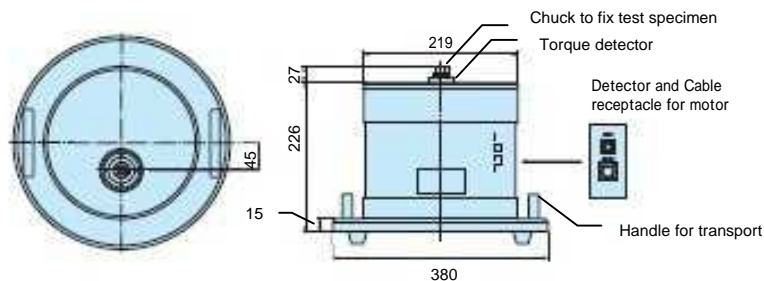
## <Major applications>

Motor, Fan, Clutch, Governor, Spindle, Chuck, Flywheel, Coupling, Gear, Cam, Sprocket, Pulley, Tape reel, Capstan, Golf club



Model OSC92OT203-	-0.02	-0.1	-1	-10	-100	-1000
Measuring rang(kg-cm <sup>2</sup> )	0.0005~0.02	0.001~0.1	0.01~1	0.1~10	1~100	10~1000
Max. measuring mass(kg)	0.2	0.5	1	2	5	10
Accuracy (%/ Reading)	±1.0	±0.8	±0.5	±0.4	±0.3	±0.2
Recommended Weight (kg-cm <sup>2</sup> )	0.01, 0.001	0.05, 0.005	0.5, 0.05	5, 0.5	50, 5	500, 50
Chuck	Option, To be made on request					
Driving method	By electric motor					
Vibration mode	Reciprocating exciting mode, approx. 10 deg.					
Measuring mode	Measurement of eccentricity, Measurement of calibration dead weight Measuring of test specimen					
Detector accuracy	±0.1%FS					
Measuring accuracy	±0.2~1%Reading					
Calibration	By dead weight					
Operation method	Operation and data acquisition through/by personal computer					
Power supply	AC200V for types of measuring range 100 and above, AC100V for other types					
Cable	1 pc x 3m for power supply, 3 pcs x 1.5 m for driving unit					

## Driving unit



## Control amplifier

