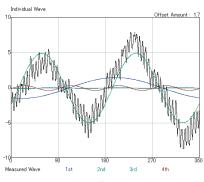
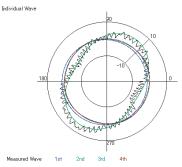
OGASAWARA PRECISION LABORATORY, LTD.



Gear Rolling Tester Model GRT-04



X-Y diagram



 $R-\theta$ diagram

Specifications

Gear Outside Diameter max. \(\phi\) 160 Dimensions W-550mm
Distance Between Centers max. 310mm
Module max. 2.0 H-375mm
Rev.Speed max. 3.5prm Weight Approx.60Kg

Function -

To measure the composite error of fine pitch gears relative to the function of center distance oscillation during dual flank meshing between test piece (gear/pinion) and master gear. This machine can be used either in an inspection room environment or on the job.

Features -

In addition to general gears, GRT-04 can be used to measure other gear products such as plastic gears for office equipment (i.e. copy machines, fax machine, printers etc..)

along with longer motor shaft gears upto 12 inches in length.

The center distance deviations are detected continuously with our small displacement detecting system which utilizes a differential capacitance device for frequency modulated (FM) signal output.

Options -

With optional data analyzing software you can classify your gear products to meet with a specified gear accuracy such as AGMA, ISO and or DIN.

 Fourier Series Analysis
 Stored data can be analyzed further with optional fourier analysis software.

Example: The degree of deformation by the gate hole arrangement with molding cavity and its excentricity with plastic gears can be determined using this software.

