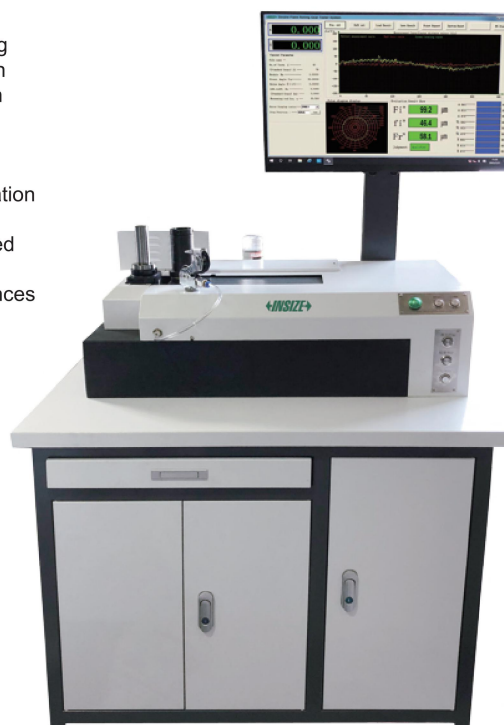
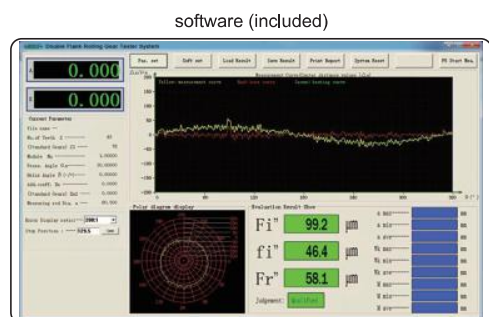


DISC TEETH GEAR DOUBLE FLANK MEASURING INSTRUMENT CODE IGE-DF310

- Single-mounting measurement of **all** errors for the gear under test, including total radial composite deviation (F_i''), single-tooth radial composite deviation (f_i''), radial runout (F_r''), center distance deviation (Δa), normal chordal tooth thickness (W_k), and span measurement (M)
- Measurement results are clearly displayed in three colors: red (exceeded), yellow (repairable) and green (qualified)
- Simultaneous display of Cartesian and polar coordinates for quick burr location selection in measurement results, enabling easy localization
- Adjustable measurement speed, automatic separate engagement, controlled air blowing, and configurable rotational direction
- Built-in ISO-1328, JIS-1702, DIN-3983 standards, customer-defined tolerances



SPECIFICATION

Module range	0.5~8mm
Max. specimen diameter	300mm
Center distance	65~160mm
Micro-motion slide movement range	15mm
Force	10~15N
Measuring the cycle time	2~20s (adjustable)
Indicator system resolution	0.001mm
Variability of indicator reading	0.001mm
Accuracy	0.005mm
Resolution	0.002mm
Air supply	dry and clean, 0.4~0.7MPa
Power supply	220V, 50Hz
Dimension (LxWxH)	690×870×1500mm
Weight	160kg

STANDARD DELIVERY

Main unit	1 pc
Software	1 set
Control cabinet	1 set
Nuts for mounting standard gears	1 set
Standard gear washers	1 set
Standard gear sleeve	1 pc
Morse axle	1 pc
Gear tray (measuring disc teeth)	1 pc
Steel ball retaining bracket (measuring disc teeth)	1 pc

OPTIONAL ACCESSORY

Standard gear*	IGE-DF-ST
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* Requires a drawing of the gear to be measured