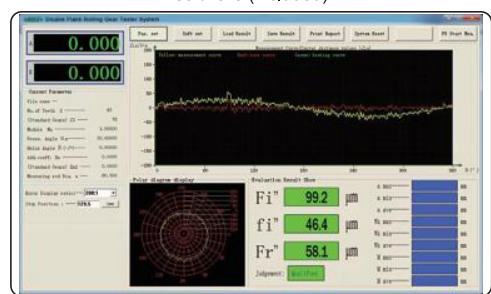


## MICRO GEAR DOUBLE FLANK MEASURING INSTRUMENT CODE IGE-MF110

- 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 ( $\Delta a$ ), 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

software (included)



### SPECIFICATION

Module range	0.4~2mm
Max. specimen diameter	100mm
Center distance	30~100mm
Micro-motion slide movement range	6mm
Force	1~10N
Measuring the cycle time	3~20s (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)	540×700×1500mm
Weight	100kg

### 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

### OPTIONAL ACCESSORY

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