



COMPUTERIZED GEAR ROLL TESTER

MODEL : US/PC GRT/V
US/PC GRT/H

FEATURES :

- SUITABLE FOR BORE TYPE / SHAFT TYPE GEARS
- HIGH END DATA ACQUISITION SYSTEM THROUGH NI CARDS
- DEDICATED SOFTWARE DEVELOPED IN LABVIEW
- REAL TIME GRAPH PLOTTING
- AUTOMATIC ENGAGEMENT OF COMPONENT AND MASTER GEAR
- SERVO CONTROLLED GEAR ROTATION
- MINIMUM RPM – 1 / MAXIMUM RPM – 10

PARAMETERS MEASURED AND STORED :

- TOTAL COMPOSITE ERROR (TCE) Fi''
- TOOTH TO TOOTH COMPOSITE ERROR (TTCE) fi''
- RADIAL RUN OUT – Fr
- OVER BALL DIMENSION (OBD)
- HIGH SPOTS
- FACE RUN OUT – (AVAILABLE ON REQUEST)
- SHAFT DIAMETERS – (AVAILABLE ON REQUEST)

ADD-ON ACCESSORIES :

- POKA – YOKE SYSTEM
- ROBOTIC INTEGRATION
- MULTIPLE PROBES FOR DIAMETER RUN OUT AND FACE RUN OUT
- OK/NOK MARKING SYSTEM
- HIGH SPOT MARKING SYSTEM