

Metrology Laboratory Groove Flatness Measurement

FEATURES

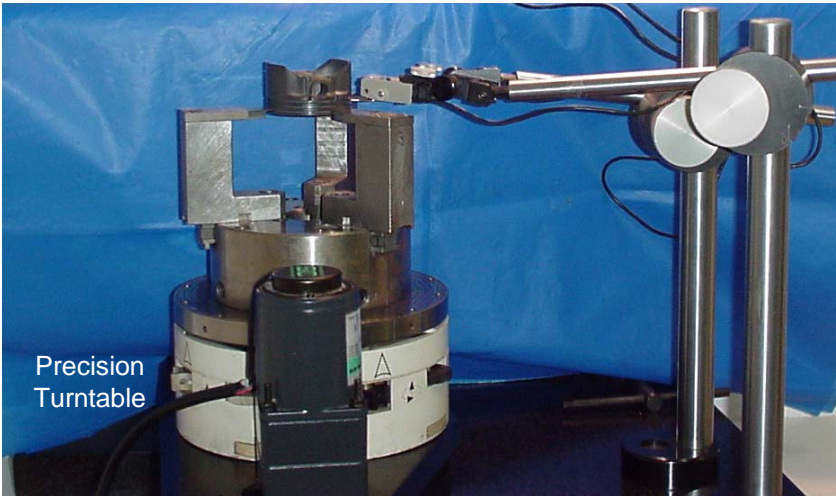
- Measures groove flatness of finish machined pistons
- Accommodates pistons 2.5-6.7" (63.5-170 mm) nominal diameter
- Measures groove width as small as 0.039" (1 mm)
- Piston groove tilt referenced to piston pin centerline across pin axis Piston pin tilt across thrust/anti-thrust referenced to oil ring groove

MEASURING RANGES

- ± 0.001 " (0.0254 mm)
- ± 0.003 " (0.0762 mm)
- Others as required

ACCURACY

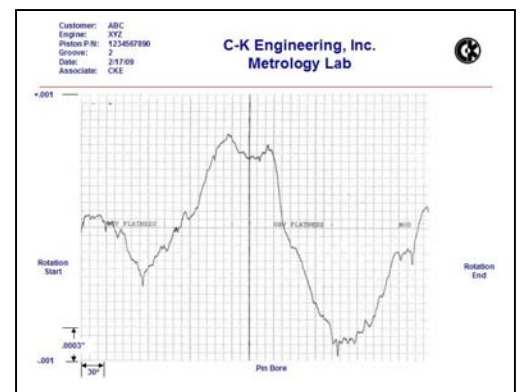
- Prove – 0.00000039" (0.00001 mm)



Equipment Setup



Flatness Measurement



Typical Output

For additional information on this and other gage designs, please contact us at:

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