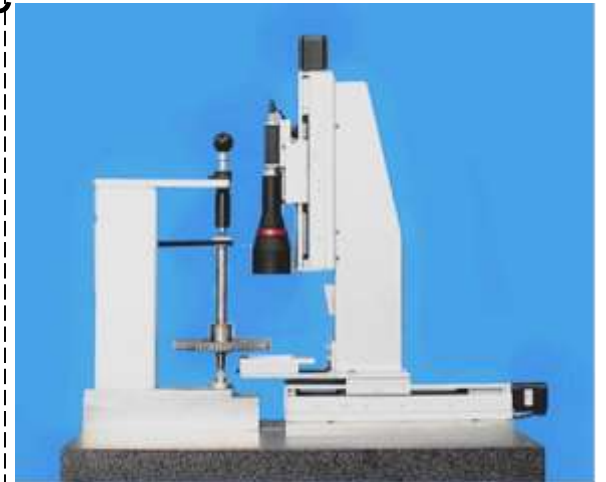


Measuring Method of Involute Profile Error Based on Machine Vision

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- A new algorithm for measuring involute tooth profile error based on machine vision with gear local image is proposed.
- The gray image of gear is acquired by gear visual measuring instrument.
- The center of gear positioning is determined by fitting the circle based on fixed radius least square method with constraints.



Gear vision measuring instrument