

Crack opening displacement (COD) gages are used for fracture mechanics applications using compact tension, arc shaped and disc shaped, bend specimens or other specimen geometries in compliance with prevailing standard practices. COD gages include circuitry for auto-calibration against internal shunt reference, thus obviating the need for on-site calibration during installation. Knife-edges ensure firm mounting of the gage onto the specimen without any slip and can be used up to a frequency of 25Hz.

### Standard features

- Full strain gauged bridge construction
- Grooves machined according to ASTM E 813 requirement
- Accuracy according to ASTM E 83
- Fracture Mechanics and Fatigue crack growth applications
- Auto Identification of transducer
- Internal shunt reference for easy calibration
- Compatible with any strain gage electronics
- Light weight



### Specifications

Model No	Gage length, mm	Accuracy*	Travel range, mm	Resolution	Non Linearity
<b>Room temperature COD Gages</b>					
AC-07-0005	5	± 0.5 % of Read out value	+2/-1	0.001 mm	± 0.15 % FSR
AC-07-0010	5		+3/-1		
AC-07-0015	10		+4/-1		
AC-07-0020	10		+7/-1		
AC-07-0025	12		+12/-2		
<b>High temperature COD Gages</b>					
AC-07-0105	5	± 0.5 % of Read out value	+3/-1	0.001 mm	± 0.15 % FSR
AC-07-0110	10		+3/-1		

\*as per ASTM E 83



Note: Specification are subject to change without prior notice