



Part Number Shown: 5012P "Gradiometer"

Accurate, Rugged Inclinometer for Measuring Slope or Grade

Features

- 2 Scales: Inch per Ft-Rise and % Grade
- Weatherproof - will not rust or hang up
- UV Resistant
- Extremely shock and vibration resistant
- Easily installed - quick retrofitting
- Quick and accurate visual reference
- Operational from -50° F to +180° F

Description

A Gradiometer is any of various surveying instruments for measuring angles of elevation, slope, or incline, as of an embankment or roadway. Also called clinometer or inclinometer, the 5012P provides accurate measurement of slope in Percent Grade and Inch Per Foot Rise. Rieker manufactures these manual type gradiometers (or inclinometers) using precise glass tube and ball construction. All our tubes are filled with a special dampening fluid that controls the movement of the ball. The fluid combined with large, clear number and degree markings make it easy to get quick, accurate readings under a wide variety of severe environmental conditions.

Applications

Plows, graders, excavators, trenchers, and pavers are only a few examples of the types of applications well suited for gradiometers.

Contact us today for a quote. OEMs welcome, quantity pricing available.

GENERAL TECHNICAL DATA	
Dimensions	8.0"w X 2.875"h X 0.375"d (203,2mm x 73mm x 9,6mm)
Measuring Range	Upper ±1.5 Inch Per Foot Rise, in 0.125" (1/8") increments
	Lower ±13% Grade, in 1% increments
Case Material	Black Acrylic, engraved markings filled white
Tube Construction	Clear glass tube filled with dampening fluid; black ball
Operating Temperature	-50° F to +180° F (-46°C to +82°C)

34 MOUNT PLEASANT ROAD • ASTON • PA • 19014 • USA

610-500-2000

fax: 610-500-2002

email: info@riekerinc.com

web: www.riekerinc.com