



SNS COLLEGE OF TECHNOLOGY

(An Autonomous Institution)

COIMBATORE-35

DEPARTMENT OF MECHANICAL ENGINEERING



ANGLE MEASURING INSTRUMENTS

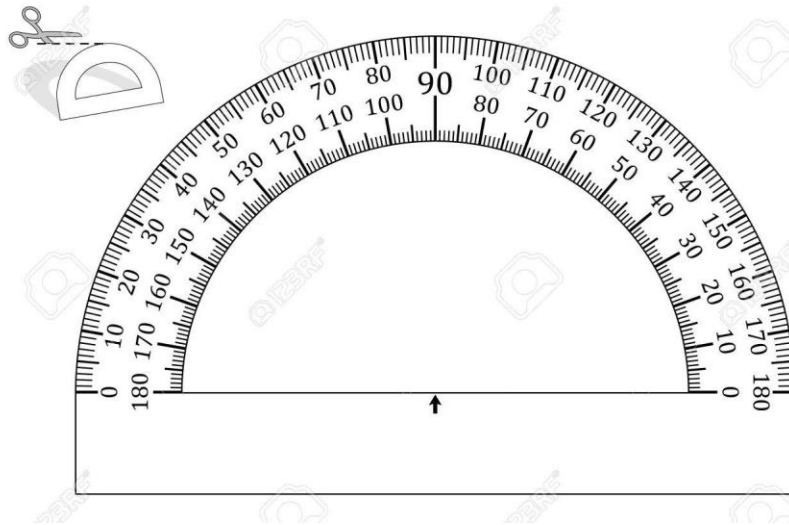
There are a wide variety of geometries that are measured in angular units. These varieties include angular separation of bounding planes, digression from a basic direction, angular spacing conditions related to a circle, etc. Because of these diverse geometrical forms, different types of methods, equipment and instruments are available to measure angles in common angular units of degree, minute and second.

Several factors come into the role in the selection of appropriate angular measuring instrument. These factors may be the size, general shape of the part, the location and angular accessibility of the feature to be measured, expected a range of accuracy, etc.

As in linear measurement, they can be categorized into two groups. The first one is standard line instrument. It includes divided scales like protractors, Bevel Protractors. The second category of angular measuring instruments is called face standard instruments. Sine bars and angle gauges fall in this group

Protractors:

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