



SAMM 088
 SAMM 141
 SAMM 176
 SAMM 533
 SAMM 693

Best Partner for Innovation



SIRIM STANDARDS TECHNOLOGY (SIRIM SST)

COORDINATE MEASURING MACHINE (CMM)

SIRIM Standards Technology Sdn. Bhd. (SIRIM SST) recently developed new capability in dimensional measurement to support mainly automotive and aerospace sector. This capability is on 3D measurement through a Coordinate Measuring Machine (CMM) providing an accurate measurement for various components such as aircraft propeller blades, jigs, and fixtures.

The CMM measures the geometry of physical objects (either a single point in a 3D shape or the whole shape), by sensing discrete points of the surface of the object with a designated probe.

Apart from basic measurements; length, diameter measurements, and angle, our CMM is capable to measure according to Geometrical Dimensioning and Tolerancing (GD&T) such as straightness, flatness, roundness, as well as multiple axes of an object to get the whole dimension. At the same time, the CMM is capable to capture the profile information and the form of both 2D & 3D Objects.

Essentially, through our CMM facility, SIRIM SST is ready to serve you on high accuracy measurement of your reference parts, jigs and fixtures, and other engineering components.

CMM MEASUREMENT CAPABILITY

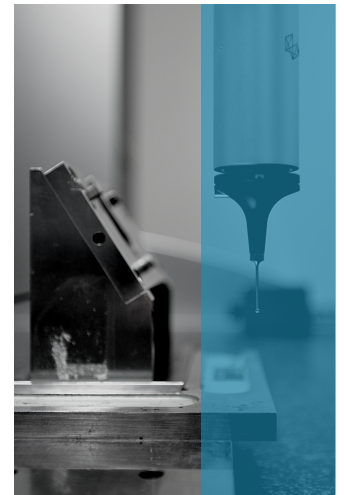
X axis: 900 mm

Y axis: 1200 mm

Z axis: 800 mm

Accuracy: $(1.8 + L / 333) \mu\text{m}$ where L is in mm
 Specification

Temperature: Capable to compensate object to be measured at desired temperature point to reduce the error of expansion coefficient



For more information, contact us as: +603-55109066 or calibrationsst@sirim.my

FOR FUTURE INFORMATION

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