

# Vision Measuring System



## Product Info :

Vision Measuring System manufacturers and suppliers offer a great measuring system that is helpful in measurement with great precision and accuracy. In many industries, where there is manufacturing of very small parts, measurements of such parts are very critical as measuring the various dimensions of such small parts is very difficult with the conventional measuring instruments. The manufacturers need to understand that where there is a need for very accurate measurements there needs to be a way that can allow the users to ensure that measurements taken are precise to their highest degree to ensure best quality of the final products. For such measurements, there is a requirement of a vision measuring system that could provide the most accurate and precise measurements for their products. In many industries, there are very tiny and minute parts involved in making the final products.

Now the measurement of these parts is also a great challenge as they are so little that they cannot be measured through the conventional methods such as tapes, callipers, or micrometres. But taking accurate measurements is also essential for better quality assurance of the final products as well. The reason for this is that these instruments are not able to reach the positions where the measurements are to be taken. Additionally, there is always room for human error and hence they cannot be used for such measurements. This calls for a requirement of a system that could reach such places and take measurements without leaving a chance for any error. The vision measuring system offered by Pacorr is one of the most precise and ideal testing instrument that can be used for taking measurements where there is a need for a very high level of accuracy and the tolerances are very tight.

## TECHNICAL DATA :

- Model: PC-SVI-IMG-3D
- Measuring Range (X/Y/Z): 150 x 100 x 100 mm
- Platform Load Capacity: 25 kg
- Operation Mode: Manual
- Magnification: 35X – 225X(Optional: 18X – 450X)
- Illumination- Surface: Fibre optic light / Adjustable LED
- Illumination- Contour: Halogen or Diffused LED
- Power Supply: 220V  $\pm$  5% @ 50/60 HZ
- Resolution: 0.001 mm/ 0.0005 mm
- Accuracy (X/Y): (3 + L/200)  $\mu$ m
- Repeatability:  $\pm$  2  $\mu$ m
- Camera: High resolution Colour CCD camera

## Our Valuable Customer



Pacorr Testing Instruments Pvt. Ltd.

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