

REA VERIFIER

QUALITY CONTROL DEVICES
FOR MATRIX- AND BARCODES

REA VeriCube Stand

Height-adjustable Stand
for REA VeriCube



REA VeriCube Stand

The REA VeriCube Stand is a height adjustable holder for the REA VeriCube. This is required for direct marked parts in e.g. electronic, automotive and unique device industries Identification (UDI) environment.

Parts in these industries are directly marked by laser, inkjet or dot-peen processes. Typically the parts are having a more a less complex 3-dimensional geometry.

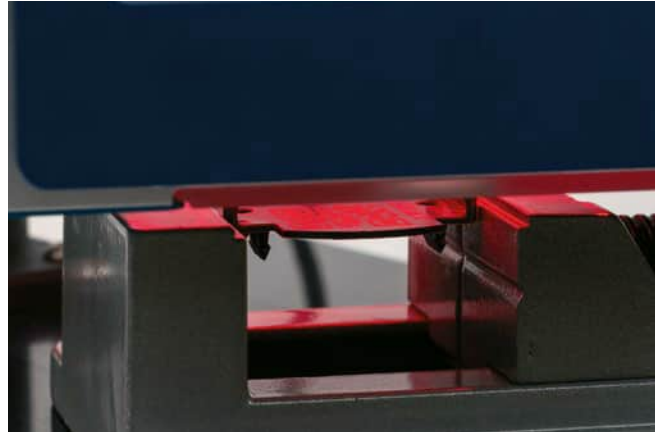
This complex geometry makes it difficult to get the appropriate and correct position. The challenge is that for measurement always the code plane shall be orientated in a 90° angle to the camera. The distance of the code plane in relation to the camera must be also always identical. In best case the code symbol is positioned in the center of the inspection camera field of view.

A measuring approach where like for a label or a card box the code is simply lying flat on a desk and the REA Verifier is standing on that sample or where the label is lying on top of the verifier doesn't work for 3D parts. Due to 3D Geometry the code can be in a cavity. Other areas of the part may be higher than the code plane of produce shadows from one side.

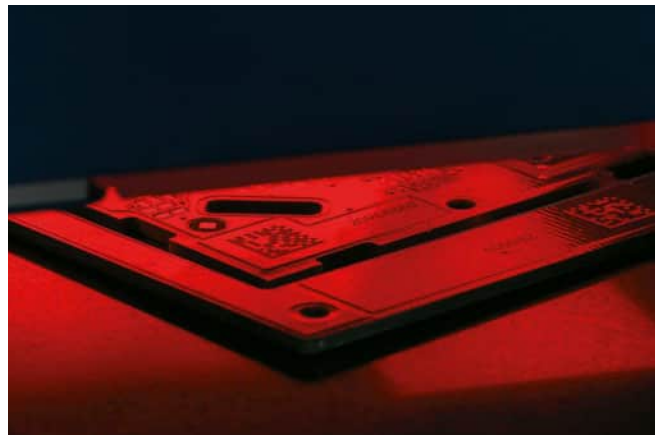
The solution is the combination of the REA VeriCube with a focal distance 15 mm (or 45 mm) away from the top plane, using a diffusor and mounting the REA VeriCube into the stand.

The stand uses a thread spindle with a manual turn wheel for simple height adjustment of the REA VeriCube mounted in the holder. The advantage of the tread spindle is the easiness of fine height adjustment and no movement without turning the manual wheel.

In case of simple label or folded card box measurements the REA VeriCube can be taken out of the stand with a few handholds.



Verification of plastic part in a vice



Verification of circuit board



Verification of surgical instruments

REA VERIFIER



Stand solution for code verification on 3D objects



REA VeriCube parallel underlay
as distance gauge

REA VeriCube with diffuser.
The distance adapter is required
for adjustment and calibration.
It can also be used for measuring
folding boxes or labels



Verification of tweezers

Specifications:

- Height/Width/Length: 325 mm / 224 mm
- Weight: 8,1 kg (without VeriCube)
- Maximum part height : 664,6 mm