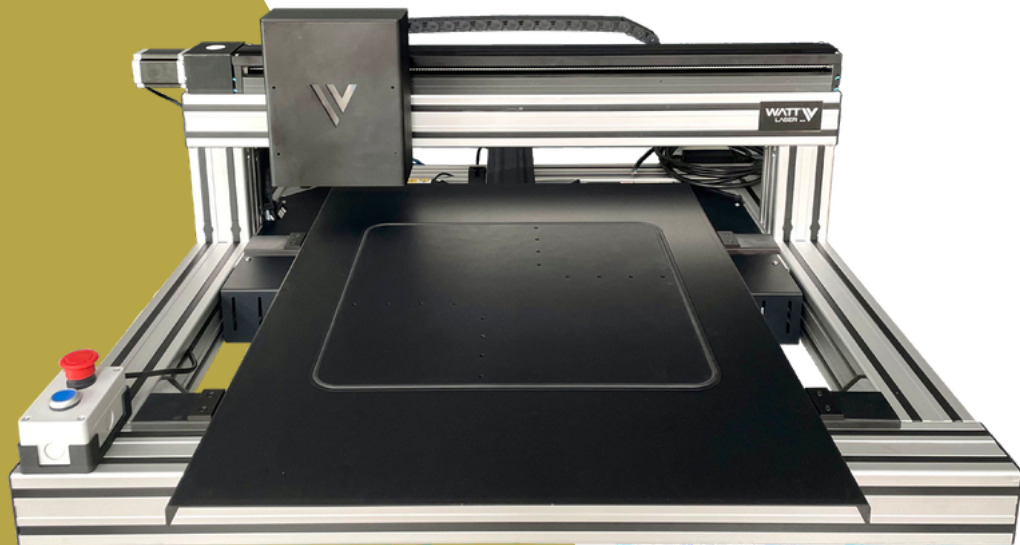


QC100

QC100 INSPECTION, MEASUREMENT AND CALIBRATION SYSTEM



THE **QC100** IS A DEDICATED AOI, MEASUREMENT AND CALIBRATION SYSTEM FOR SMT STENCIL MANUFACTURERS.

It features a high-magnification telecentric lens, Renishaw 1-micron scales and Watt Laser's proprietary inspection and measurement software.

The use of high-precision stages and advanced image processing algorithms provide comprehensive inspection of aperture attributes, checking for presence, dimension, position and area. The system identifies potential errors and once confirmed, generates a rework cut file. Upon successful inspection, a CofC can be generated and integrated into any MRP/ERP system.

The QC100 can also measure PCBs against the original data, meticulously checking for any deviations in dimensions, alignment or other critical parameters to ensure swift detection and rectification of any discrepancies, maintaining the integrity and accuracy of the final product.

QC100

INSPECTION, MEASUREMENT AND CALIBRATION SYSTEM

Measuring Camera Resolution	0.9µm
Stage Resolution	1µm
Scanning Camera FOV	23 x 16mm
File Input Format	Gerber (RS-274X)
Recut File Output	Gerber, CNC
Inspection Area	800 x 750mm
Power Requirement	230V/110V
Minimum Aperture Size	30µm
Repeated Positioning Accuracy	±2µm
Active Z-Axis	