

MIDLAND METROLOGY LTD

VMQ-100

Instant Video Measuring System



Product Advantage

1. One-key Instant Measuring, Batch Testing

- A) Measuring Sample can be placed randomly without fixture positioning. Software can identify and match automatically.
- B) Unlimited dimension measurement. Task can be completed within 1 second.
- C) CAD drawing imported for direct measurement.
- D) One time measurement for the same types of measuring sample.

2. Accurate Calculation and High Repeatability

- A) Unique patent technology with edge extraction and lens distortion correction.
- B) Greatly improved repeatability.
- C) Can be compared with the measurement accuracy and repeatability of traditional Video Measuring Machine.

3. Easy to operate without training

- A) Anyone can get started quickly without training.
- B) Simple interface, intelligent measurement. Optimized operation process and real time operation.
- C) All measurement data can be automatically recorded. Statistical analysis can be generated with one key. Measurement results can be printed in various file formats or directly printed.

4. Various function, automatic report

- A) The software is divided into three functional models: measurement setting, continuous measurement and statistical analysis.
-

Specification

Instrument Dimensions	480×240×680
Instrument Weight	30KG
Working Stage Capacity	3KG
Software	Fom2d
Camera	5 millions Pixels CCD Industrial Camera
Lens	Double Telecentric Lens
Illumination	Program controlled parallel light or telecentric parallel light, each section of brightness is controlled independently
Field of view	30mm~100mm
Focus	Manual
Measuring Accuracy	±3 μm
Measuring Function	Point, line, circle, multipoint line, multipoint circle, automatic circle, arc, multisection circle, automatic R angle, contour scanning, fixed point, peak line, circle, etc
Tagging Function	Aligned, vertical, angular, radius / diameter
Geometrical Tolerance	Straightness, roundness, symmetry, profile, etc
Virtual Structure	Center line, bisector, tangent point, tangent point of circle line, circle center, line center, etc
Automatic Template Matching	Support
Report Function	SPC analysis report (CPK, CA , PPK, CP, PP)
Software Customization	CAD import profile analysis, automatic management link, APP management application
Measuring Quantity	99 pieces/second
Template quantity	Unlimited
Power	AC100-240V 50/60Hz
Working Environment	Temperature 23 C ± 2 C humidity 20% to 80% RH

Packing List

Packing List	Packing List	Packing List
Machine Mainframe	Dell 24 inch Computer	Mikrosiz Measuring Software
Telecentric Lens	High Pixel Camera	Surface Lighting
Calibration Block	Power Line	Product Certificate/Packing List
