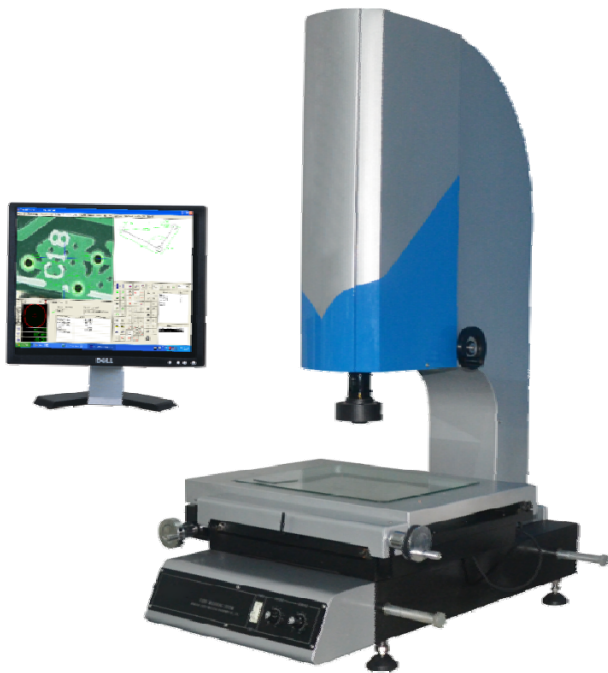


## Manual Video Measuring Machine



### Characteristics:

- Granite structure, high accuracy and stability;
- Manual operation, with rapidly moving switcher;
- 3-axis precision linear guide, ensure the precision and the life;
- 6.5X Detented zoom lens and high resolution CCD camera;
- Auto edge-detection, dimension label, and non-contact optical height measurement;
- Multi-format output such as, TXT, Excel, Word, DXF and Auto CAD;
- Obviously assistant laser position system;
- 0.5X and 2X Auxiliary objective are optional;
- UK Renishaw MCP-K series Touch Probe and QM3.0 software for 2D Non-contact and 3D contact Measurement.

### Specification:

|                  |   |  |              |              |              |              |
|------------------|---|--|--------------|--------------|--------------|--------------|
| 2.5D Model       | iVideo-E50  | iVideo-E51                                 | iVideo-E52   | iVideo-E53   | iVideo-E54   | iVideo-E55   |
| 3D Model         | iVideo-E50T   | iVideo-E51T                                | iVideo-E52T  | iVideo-E53T  | iVideo-E54T  | iVideo-E55T  |
| Metal Table Size | 354x228mm   | 404x228m                                   | 450X280mm    | 506X356mm    | 606x466mm    | 706x466m     |
| Glass Table Size | 210x160mm   | 260x160m                                   | 306x196mm    | 350x280mm    | 450x350mm    | 550x350m     |
| X,Y-axis Travel  | 150x100mm   | 200x100m                                   | 250x150mm    | 300x200mm    | 400x300mm    | 500x300m     |
| Accuracy         | ≤3+L/200(um)  |  |              |              |              |              |
| Repeatability    | ±2um  |  |              |              |              |              |
| X/Y/Z-axis       | High-precision Linear Scale, Resolution:0.0005mm                        |  |              |              |              |              |
| Z-axis           | Manual Type, Measurement travel:200mm                                   |  |              |              |              |              |
| Video System     | 5-grades High-definition 6.5X Detented Zoom Lens, 1/3" Color CCD Camera |  |              |              |              |              |
| Illumi<br>natio  | Contour   | Adjustable 256-grade LED Cold illumination |              |              |              |              |
|                  | Surface   |  |              |              |              |              |
| Measuring        | Quick Measuring 2.0/3.0   |  |              |              |              |              |
| 3D Mearement     | 3D Module and UK Renishaw MCP Touch Probe                               |  |              |              |              |              |
| Net Weight       | 100Kg   | 110Kg                                      | 180Kg        | 200Kg        | 240Kg        | 500Kg        |
| Dimention(mm)    | 600x530x950   | 600x550x920                                | 690x550x1020 | 780x600x1060 | 945x646x1096 | 960x750x1100 |

### Standard Delivery:

|                    |                        |                    |                  |
|--------------------|------------------------|--------------------|------------------|
| Measuring Software | Color CCD Camera       | Detented Zoom Lens | Renishaw MCP-K2  |
| Calibration Block  | Capture Card           | LED Illumination   | Operation Manual |
| Scale Transfer     | 100mm Length Block(3D) |                    |                  |

### Optional Accessories:

|                           |                          |                         |                  |
|---------------------------|--------------------------|-------------------------|------------------|
| Renishaw MCP-K1 Probe(3D) | 0.5X Auxiliary Objective | 2X Auxiliary Objective  | Rotary Table RT3 |
| Renishaw MCP-K3 Probe(3D) | 12.5X Detented Zoom Lens | Electronic Zoom Lens    | Foot Switch      |
| Rotary Table RT2          | Coaxial Zoom Lens        | 12.5X Coaxial Zoom Lens | Working Cupboard |