







2D non contact measurements



'C' Type Construction



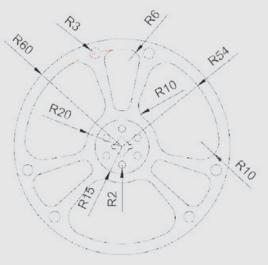
Table top model



Cross table design



Programming and SPC facility





| Specifications | EL25 | EL250 | EL500 | VMS 2100 |
|---|------------------------|------------------------|-------------------|----------|
| Basic Measurements like Point, Line, Circle, Arc | ✓ | ✓ | ✓ | ✓ |
| Basic Constructions | | ✓ | ✓ | ✓ |
| Advanced Constructions | | | | 1 |
| Basic Dimensions | | 11. | 1 | ✓ |
| Advanced Dimensions | | | | ✓ |
| SPC | | | 1 | ✓ |
| GD&T | | | ✓ | ✓ |
| Report | | | | |
| Word | | | | ✓ |
| Excel | | | With PC interface | 1 |
| PDF | | | | ✓ |
| Text | | | | ✓ |
| DXF Import | | | | ✓ |
| DXF Export | | | (), | ✓ |
| Measurement on Cross hair | ✓ | ✓ | 1 | ✓ |
| Measurement on Fibre edge finder | | | 1 | |
| Automatic edge detection algorithm over image | | | 1 | 1 |
| Requirement of PC | For result backup only | For result backup only | For reports only | ✓ |

^{*} Accuracy stated are with vision system at standard operating conditions Temperature : 20 Deg ± 2 Deg

^{**} Accuracy stated are with probing system at standard operating conditions Temperature : 20 Deg ± 2 Deg

| Machine Specification | iMicro 1510 | iMicro 2010 | iMicro 2015 | |
|---------------------------|---|---|-------------|--|
| Measuring Range - X Axis | 150 mm | 200 mm | 200 mm | |
| Measuring Range - Y Axis | 100 mm | 100 mm | 150 mm | |
| Travel Range - Z Axis | 100 mm | | 150 mm | |
| Machine Base | Aluminium | | | |
| Video System | For DRO System - 1/2.8" 2 MP HDMI Camera For Vision Software System - 1/3" 1.3 MP USB Camera | | | |
| Imaging Optics | Zoom Lens 0.7 x to 4.5 x Optical Magnification | | | |
| Lighting System | Multiple LED's white ring light; Green Backlight | | | |
| Scale Resolution | 1 μm as standard / 0.5 & 0.1 μm as Optional | | | |
| *Accuracy (Ex,Ey) | ± 5 + L / 100 μm (L = Length in mm) | | | |
| Maximum Work Piece Weight | 15 Kgs | | | |
| Measuring Tool | 70.99 | In DRO System - EL 25 / EL 250 / EL 500 In Vision Software System - VMS 2020 Software | | |