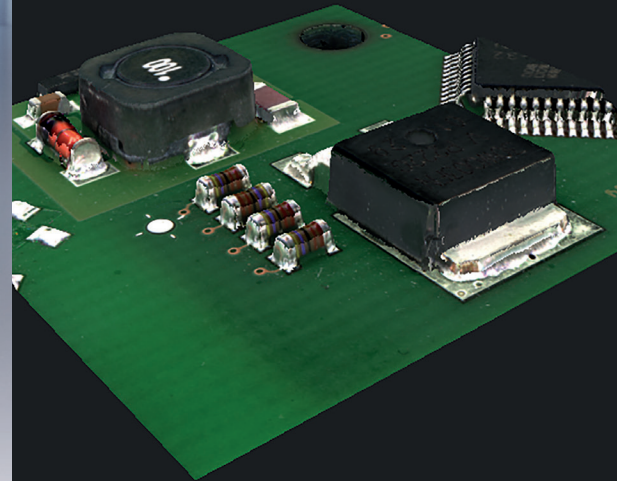




Most Economical  
AOI Quality  
Inspection



## **iS6052 AOI**

Reliable Quality Assurance for any kind of  
electronics production environments

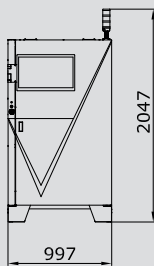
**3D AOI**



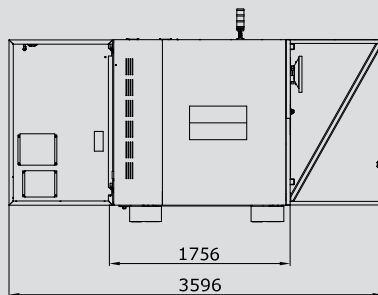
# Technical Specifications

## iS6052 AOI

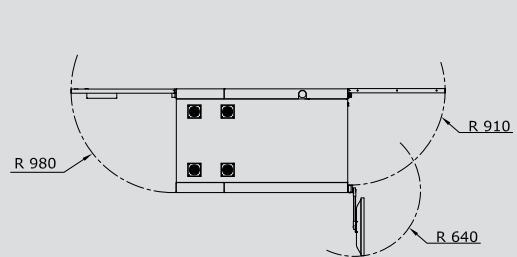
Front view



Side view



Top view



Dimensions in mm

| iS6052 AOI        |                             |                                                                                             |
|-------------------|-----------------------------|---------------------------------------------------------------------------------------------|
| Inspection Scope  |                             | Solder joints, mounting, open surfaces, character recognition, solder paste, mold, assembly |
|                   |                             |                                                                                             |
| Camera technology |                             | XMe                                                                                         |
|                   | 3D sensor technology        |                                                                                             |
|                   | Z-resolution                | 0,5 µm                                                                                      |
|                   | Z-range                     | Up to 30 mm                                                                                 |
|                   | Angled view cameras         |                                                                                             |
|                   | Number of megapixel cameras | 4                                                                                           |
|                   | Orthogonal camera           |                                                                                             |
|                   | Resolution                  | 12 µm                                                                                       |
| Inspection Speed  | Field of view               | 50 mm x 50 mm (1.9" x 1.9")                                                                 |
|                   |                             | Up to 60 cm <sup>2</sup> /s                                                                 |
| Software          | User interface              | Viscom vVision                                                                              |
|                   | Statistical process control | Viscom vSPC/SPC, open interface (optional)                                                  |
|                   | Verification station        | Viscom vVerify                                                                              |
|                   | Remote diagnosis            | Viscom SRC (optional)                                                                       |
|                   | Programming station         | Viscom PST34 (optional)                                                                     |
| System computer   | Operating system            | Windows®                                                                                    |
|                   | Processor                   | Intel®Core™i7                                                                               |
| PCB handling      | PCB dimensions              | 508 mm x 508 mm (20" x 20")                                                                 |
|                   | PCB support                 | Optional                                                                                    |
|                   | Transport height            | 900 - 950 mm ± 20 mm (35.4" - 37.4" ± 0.7")                                                 |
|                   | Width adjustment            | Automatic                                                                                   |
|                   | Transport concept           | Single-track transport system                                                               |
|                   | PCB clamping                | Pneumatic                                                                                   |
|                   | Upper transport clearance   | 50 mm (1.9")                                                                                |
| Other system data | Lower transport clearance   | 50 mm (1.9"); 40 mm (1.5") with PCB support                                                 |
|                   | Positioning unit            | Synchronous linear motor                                                                    |
|                   | Interfaces                  | SMEMA, Hermes                                                                               |
|                   | Power requirements          | 230/400 V, 50 Hz, 3P/N/PE +/- 10%; 4 – 6 bar working pressure                               |
|                   | System dimensions           | 997 mm x 1756 mm x 1753 mm (39.2" x 69.1" x 69") (W x D x H)                                |
|                   | Weight                      | Approx. 820 – 920 kg (1807.7 – 2028.2 lbs)                                                  |

Specifications and other system information are subject to change without notice and may differ from the information displayed at the time of ordering.