



# Unicomp LX2000-130KV

Widely applied for BGA, CSP, Flip Chip, LED, Fuse, Diode, PCB, Semiconductor, Battery Industry, Small Metal Casting, Electronic Connector Module, Cables, Aerospace Components, Photovoltaic Industry, etc.

## Features

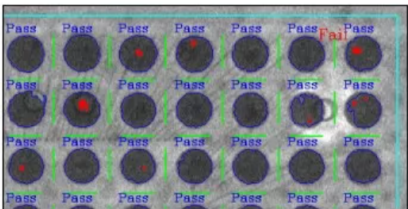
1

Auto Mapping



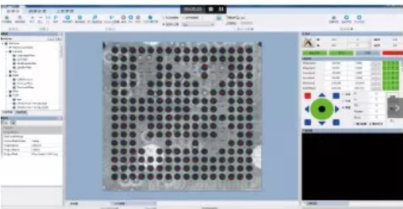
2

Auto Detecting and Analysing for Ok & NG Components



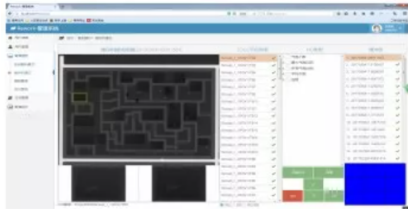
3

Accurate Control, CNC Programming Automatic Positioning



4

Rework Database Management system



5

Support MES / ERP / SPC

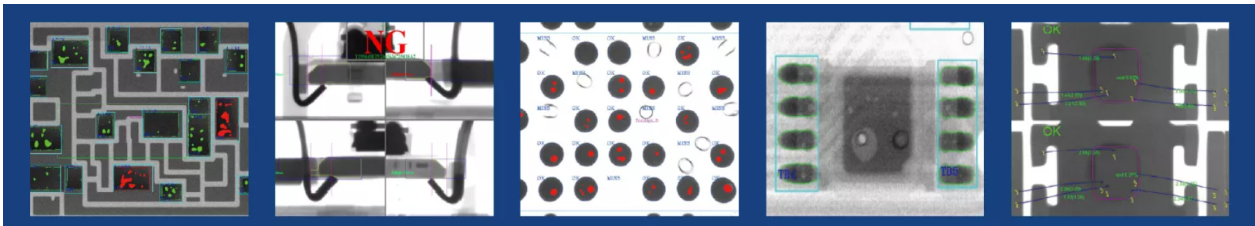


6

Automatic Labeling Scanning



## Inspection Image



## Detailed Product Description

|                                        |                                                                     |
|----------------------------------------|---------------------------------------------------------------------|
| <strong>System Summary</strong>        |                                                                     |
| Footprint                              | 2595(W)×1392(D)×1992(H)mm                                           |
| Machine Weight                         | 1900 kg (X-Ray) / 700kg (Conveyor)                                  |
| Power Supply                           | AC 110~220V, 50/60Hz                                                |
| Plywood Packing Size                   | 180(W)×170(D)×190(H)cm (X-Ray)<br>150(W)×105(D)×120(H)cm (Conveyor) |
| Packing Weight                         | 2000kg (X-Ray) / 800kg (Conveyor)                                   |
| Power Consumption                      | 3.5 kW                                                              |
| <strong>X-Ray Tube</strong>            |                                                                     |
| Tube Type                              | Sealed                                                              |
| Max. Power                             | 40W                                                                 |
| Voltage                                | 0~130kV (Adjustable)                                                |
| Focus Spot Size                        | < 7μm                                                               |
| <strong>Imaging System</strong>        |                                                                     |
| Detector                               | Flat Panel Detector (FPD)                                           |
| Pixel Size                             | 85μm                                                                |
| Effective Detection Area               | 130*130mm                                                           |
| Frame Rates                            | 20fps                                                               |
| Pixel Matrix                           | 1536*1536                                                           |
| System Magnification                   | 200X                                                                |
| <strong>Software</strong>              |                                                                     |
| Auto-measuring                         | Auto Inspection and Analysing for Ok & NG Components                |
| CNC Mode                               | CNC Programmable Inspection, Easy Operation and User Friendly       |
| Rework                                 | Support Rework Database Management System                           |
| Data Connection                        | Support MES/ERP/SPC System                                          |
| Navigation                             | Convenient Target Point Positioning System                          |
| <strong>Motion Control System</strong> |                                                                     |
| Movement Control                       | Joystick, Keypad, Mouse & Touch Panel (PLC)                         |
| Adjustable Tunnel width                | 80~350mm                                                            |
| Max. Inspection Sample                 | 400*350mm / 10kg                                                    |
| Min. Inspection Sample                 | 100*80mm                                                            |
| Manipulator                            | Auto Inline System                                                  |
| <strong>Industrial PC</strong>         |                                                                     |
| Monitor                                | 22" FHD LCD Display                                                 |
| System OS                              | Windows 10 64bit                                                    |
| Hard disk                              | 1TB                                                                 |
| RAM                                    | 8GB                                                                 |
| CPU model                              | Intel i7 Processor                                                  |
| <strong>Other Features</strong>        |                                                                     |
| Energy Saving                          | X-Ray Auto-off when it's out of work over than 5 minutes            |
| Safety Operation                       | Electromagnetic Interlock and warning Light                         |
| Authority Management                   | Password Magnagement                                                |
| X-Ray Safety                           | <1μSv/h (Meets All International Standards)                         |