

# D-Sniper

*Multi-function High Speed Dispenser*



The non-contact GKG high speed jetting valve, was developed with short firing pin for jetting consistency and reliability. Software data input method provide a simple way to control fluid dispensing volume for all your precision dispensing needs.

• SMT Glue • Underfill • Encapsulation • Corner Bonding • Dam & Fill

## SPECIFICATIONS

|                       |                                     |
|-----------------------|-------------------------------------|
| Dimension (W x D x H) | 998 mm x 1,300 mm x 1,450 mm        |
| Dispense Area (min.)  | 50 mm x 50 mm                       |
| Dispense Area (max.)  | 510 mm x 510mm                      |
| Placement Accuracy    | ± 20 micron @ 3 sigma               |
| Repeatability         | ± 20 micron @ 3 sigma               |
| Power Supply          | 2.4kW 220V 50/60HZ                  |
| Compress Air Supply   | 4 ~ 6Kgf/cm <sup>2</sup>            |
| Control Method        | Industrial PC + Motion Control Card |

## STANDARD FEATURES

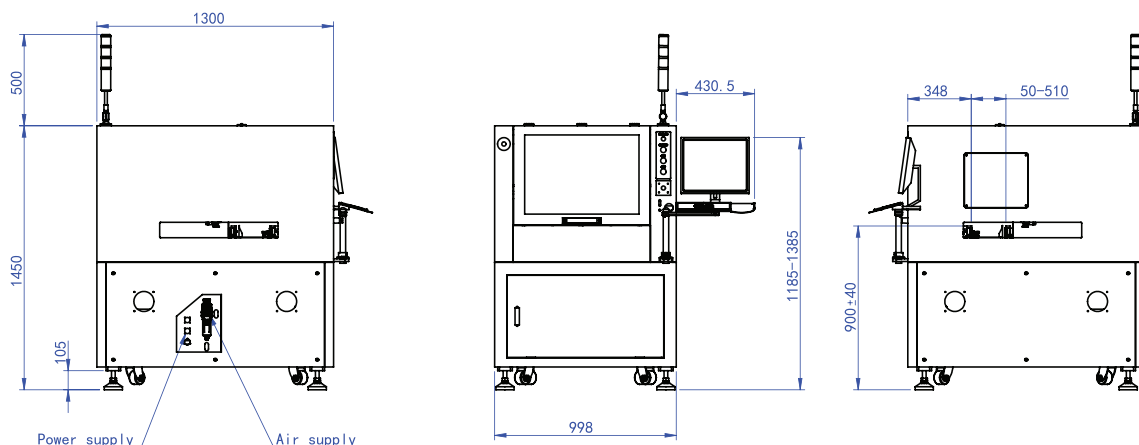
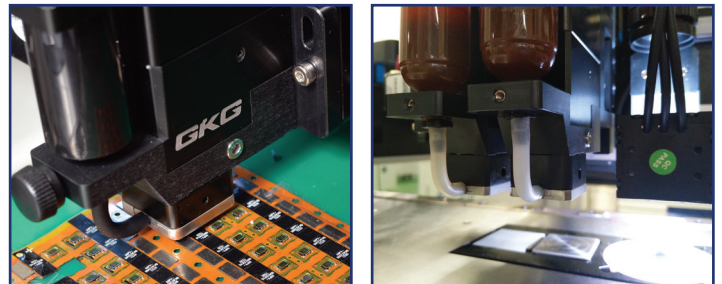
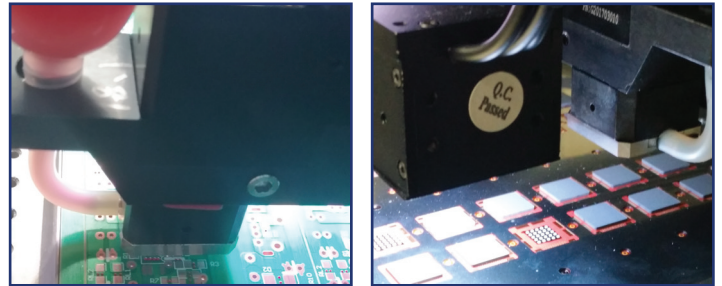
|   |
|---|
| Height Measurement System by laser                          |
| Air Stabilizer  |
| Auto nozzle vacuum cleaning function                        |
| Single Stage Conveyor                                       |
| IC Body Recognition   |
| Valve Temperature Regulators                                |
| Fluid Level Detection & Alarm                               |
| Statistical Process Control                                 |
| XYZ Origin Calibration Platform                             |
| Programming method: Online teaching or import from CAD file |

## OPTIONS

|  |
|--|
| Precision Material Weight Calibration System                           |
| Dual Lane Conveyor System  |
| Substrate Bottom Heating Module  |
| Valve Rotation & Tilting Mechanism                                     |
| Substrate Auto Loader/Unloader   |
| 3 Stage Conveyors with Substrate Bottom Heating Module                 |
| Dual Valve Structure<br>(Can perform Simultaneous Dispensing of 2 PCB) |



# GKG Jetting Valve



# GKG®

**GKG ASIA PTE LTD**

Global Marketing & Training Centre  
Service & Spare Parts Support Centre  
52 Ubi Avenue 3, #02-38 Frontier, Singapore 408867  
Tel: +65 6547 8065 | Fax: +65 6547 5451  
www.gkgasia.com

**GKG PRECISION MACHINE CO., LTD.**

Manufacturing - R&D Centre  
No. 2 Shalang Road, Dong Cheng District Dongguan City  
Guangdong Province China  
Tel: +86 769 2276 7281, 3882 3222  
Fax: +86 769 3882 0799  
www.gkg.cn

