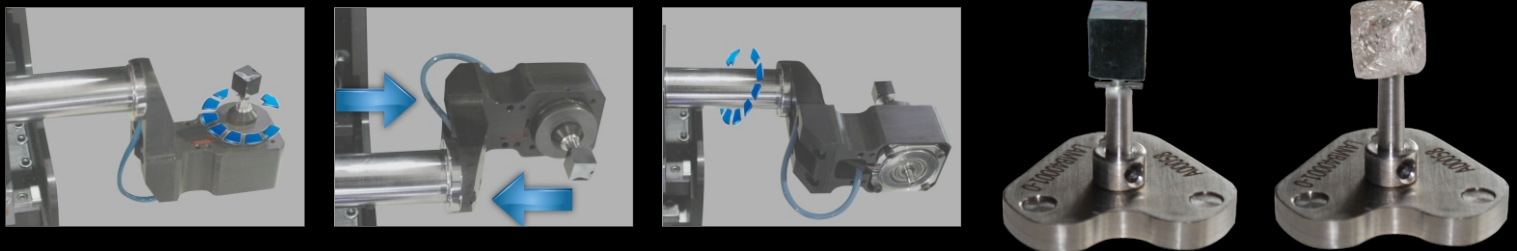
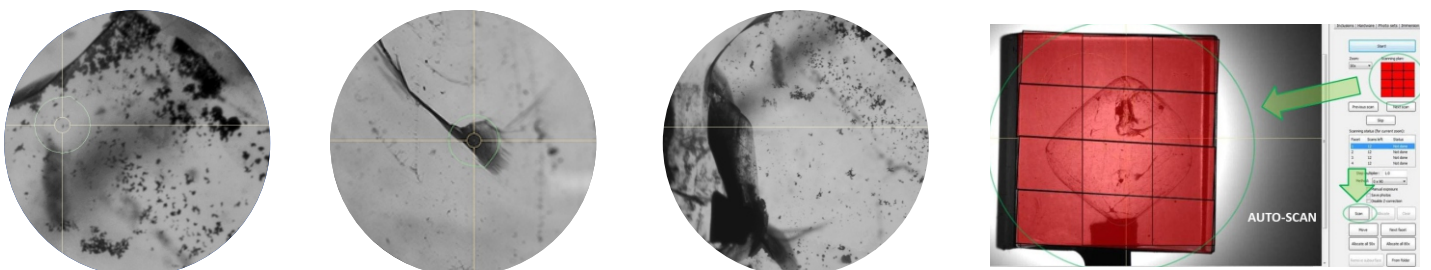


6 Axis – Completely Motorized Microscopic - 3D Automatic Inclusion Plotting System



### Salient Features

- 6 Axis Motorized M-Box with Stereo on screen display.
- 4.9x to 101x Optical zooming. On screen zoom up to 1600 Times.
- No Size Limits. Suitable for 0.10 Ct to 1000 Ct Rough Diamond.
- Pixel resolution of 0.001 mm. Suitable for VVS1 to I3 Inclusion.
- Will see and plot finest watery crack ends to very small
- Pin Points to graining, all with very precise location.
- Completely Automatic Scanning of Entire volume of the diamond from all logical directions.
- 3D inclusion viewing allows one to view inclusions hidden being another inclusion, with great sense of depth and its location.
- Two synchronized high resolution Digital camera makes on screen 3D viewing possible.
- Auto Brightness & Contrast control gives very crispy on screen display.
- Possible to see even through heavily frosted skin, thanks to short depth of view.
- Auto focus and auto plotting of fine inclusions.
- Topographical display of "UNSCANNED AREA".
- Completely motorized intuitive Control & Zooming through One-touch 3D gaming mouse from 3DCONNEXION.
- User friendly GUI and ergonomically designed – Windows – 8 Compatible.
- No Hidden Charges Or Price per Carat fee.
- Very short payback period.



## Specification :

➔ Magnification	▪ 7.8x to 160x   (14.2 to 184x in Z16 model)
➔ Rough	▪ 0.10 Cts to 1000 Cts
➔ Inclusion Size	▪ VVS1 to I3
➔ Diamond Holding	▪ Helium Stage (Gluing) & between Pins for Polished Diamond
➔ Inclusion type	▪ All (Including Cloud, Pin Point, Surface Cracks, 3D etc.) & Auto Cloud Plotting
➔ Cavity scanning	▪ Auto - Including deep pin-hole cavities
➔ Warranty	▪ 24 months (12 months free service)
➔ Computer requirements	▪ Intel Core i7, RAM 16 GB, 27" ASUS VG278H 3D LED Monitor, Windows 7 / 10 Prof
➔ CMOS Camera	▪ 2/3" CCD - 1360 x 1024 resolution
➔ Resolution	▪ 0.0006mm   (0.0005 mm in Z16 model)
➔ Zoom & Focus	▪ Motorized auto assistance
➔ Auto Plotting	▪ Under Immersion Glass Technology (Optional in M205 & Z16 Model)



FEATURES	M-Box 2.0	M-Box 1.5	M-Box M205/Z16D
3d Through Microscope Oculars	✗	✓	✓
3d Directly On Screen	✓	✗	✗
3D Gaming Mouse (6 Axes )	✓	✓	✗
Optical zoom (up to)	101x	160x	160x
On Screen Zoom (up to)	745x	1180x	1180x
Resolution in mm/pixel	0.001	0.0006	0.0006