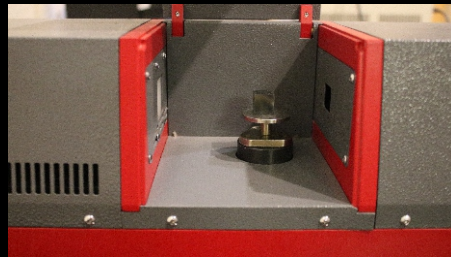
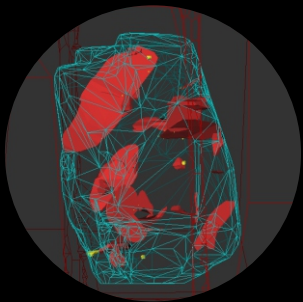
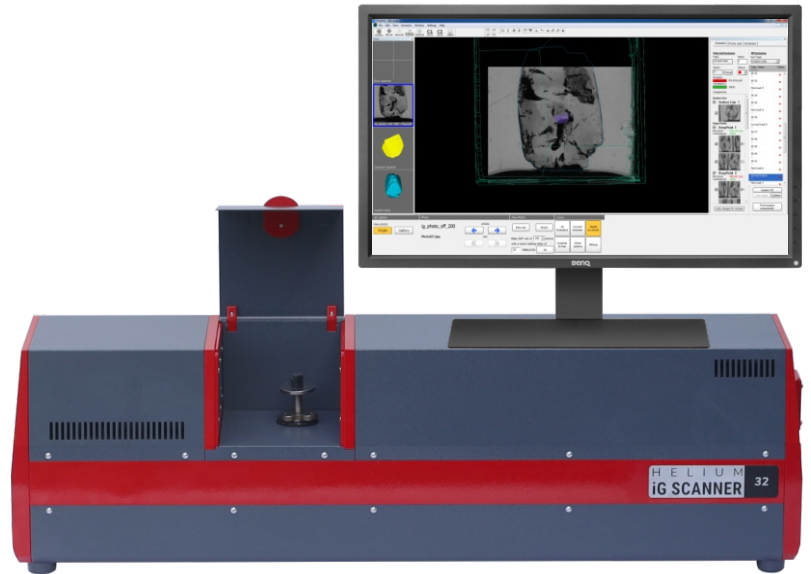
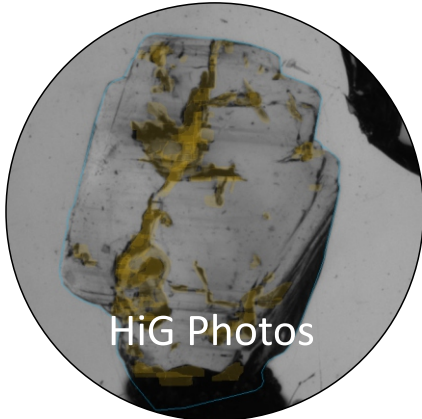


Very High Depth of Sharpness for better viewing of inclusion



Completely Automatic Plotting System For HiG/MBOX Photos

Salient Features

- Captures Immersion Glass images for Auto-Plotting of inclusions.
- Can be Auto-plot offline on an Auto-Plot terminal (3 Terminals Software and 1 Machines gives highest output).
- Outright Sales – No Contracts – No Per Carat charges- Life time – You are the owner of the equipment and software.
- User Friendly – Windows 8 Based - Single Click - Completely Automatic - Plotting on HiG images.
- Auto-Plotting - up to VS (15 Microns).
- Very high depth of sharpness for better viewing of inclusions.
- Nominal after checks (QAC) and correction needed. Can be done on a separate QC Terminal.
- Quick - fast and reliable (One Stone gets auto-plotted within 15 to 20 Minutes)- With 3 Software terminals, one can reduce this time to as low as 5 minutes per stone.
- 4 Types of Method / Algorithms for Auto – Plot – Dynamic (Default) – Tolerant - Sensitive & Moderate – Milky and other stones can be very well auto-plotted.
- For Higher Automatic Quality checks (to confirm VVS and IF) transferable to M-Box 2.0.
- Fast productions and suitable for Medium to Low quality goods (SI to I) without need of vigorous QAC.
- Single Click Auto Plan - available through Pacor-All-In-One Method for Optimization.
- 3D Stereo Visualization using 3D Glass on 3D Monitor for in-depth observations.
- 3D gives great assistance in quality confirmation.
- Highly cost effective & Very short payback time.
- Immersion Glass can be used more than 10 time if proper care taken.
- Highly intuitive operating software requiring almost no training.

Specification :

Camera Model: MC023MG-SY CMOS 1/1.2" Resolution: 1936 x 1216 (ratio 1.6:1)

2.3 Megapixels Monochrome CMOS camera with **Sony IMX174**

MODELS	HiG ⁺ 11	HiG ⁺ 21	HiG ⁺ 32
→ Field Of View	7.1 x 11.3 mm	13.4 x 21.3 mm	20.2 x 32.3 mm
→ Rough Size	0.10 Ct to 4.5 Ct	0.70 Ct to 30 Ct	2.5 Ct to 100 Ct
→ 3D-model accuracy	5.9 μm	11 μm	16.7 μm
→ Diamond Type	Non Coated skin		
→ Diamond Holding	Glue assisted - encompassed in immersion Glass Cube		
→ 3D Inclusion Mapping	Automatic under Immersion Glass (up to VS and down)		
→ Warranty	24 Months Part warranty - 12 months free service warranty		
→ Lens	1x	0.53x	0.35x
→ Camera	CMOS 1/1.2" - 1936 x 1216 pixel		
→ Computer requirements	Core i7 or Any Higher Generation System		
→ Operating Systems	Windows 10 Professional - 64bit		
→ Weight	18 Kgs	30 Kgs	30 Kgs
→ Dimensions	70 x 23 x 23 cm	92 x 23 x 23 cm	92 x 23 x 23 cm
→ Power consumption	220V 50Hz 500W		

