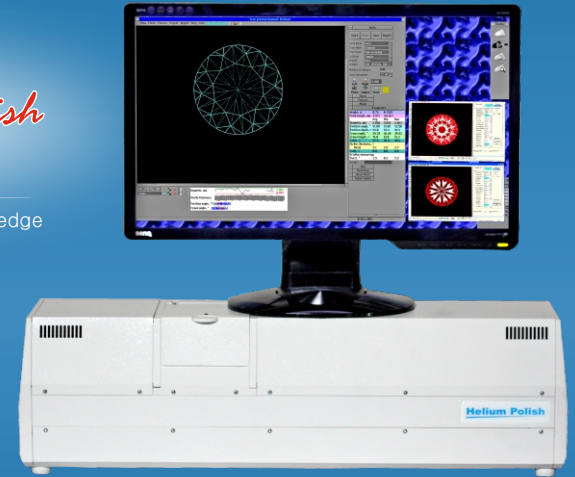


# Helium Polish

Bring your mastery to a new cutting edge



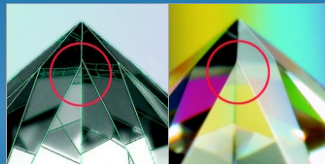
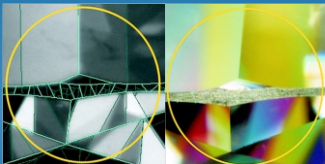
**GIA FACETWARE™**  
CUT ESTIMATOR

## Salient Features

- HeliumPolish Scanner determines, with very high accuracy, both the facet inclination and its azimuth, for Round Brilliant Cut as well as Fancy arbitrary cuts.
- Helium 3D model reveals major and minor symmetry error with consistently repeatable accuracy.
- A very detailed report displays most physical features of the polished diamond, including "Maximum Inscribed Circle - MIC", Error in radial roundness, Kozibe, Fish eye angle, Spread, Out of shape, Inclination + Azimuth angle of all the halves, 2/4 fold shape system and many other features.
- The program creates user defined reports including any measurement element, out of more than 1317 data fields, in any combination, including images of light return, H&A image and many

other simulated light performance images. The mammoth size of data base itself explains its enormous strength in reproducing feature measurement.

- Multi lab grading reports & Automatic Re-cut are included in Grade Estimator software
- Advanced Re-cut option with "SMART RE CUT", forms part of the package.
- Includes DiamCalc For Performance Analysis.
- High repeatable accuracy makes it most suitable for factories.
- Out of shape report helps achieving better symmetry grades.
- Includes Optical Symmetry report.



વજન	: 0.012	FINAL GRADE	: GIA-V
ડાયા	: 1.448	GRADE ધાર	MIN MAX
ટેબલ	: 57.36	ભાલા ની ધાર	4.11 4.76 STK THK
વળીયુ	: 40.86	નાસ ની ધાર	4.32 4.75 STK THK
મથાણુ	: 35.83	ત. ની ધાર	2.40 3.04 STK THK
ધાર	: 4.39	ધાર નુ વર્ણન	4.11 4.76 STK THK
દે. તરખુણીયુ	: 51.90	GIA-E	NONE 0.47
વ. તરખુણીયુ	: 79.98	GIA-E	NEG
ટો. ઠાઈટ	: 62.86	GIA-E	
મ. ઠાઈટ	: 15.43		

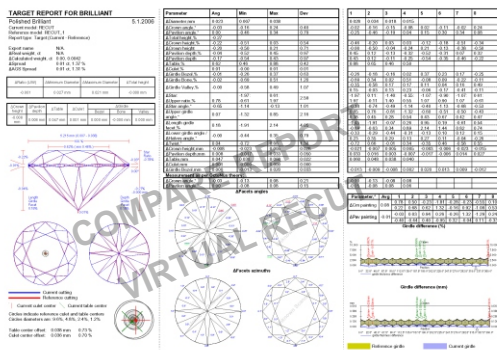
"અભિનંદન, કટ "VG" છે, રિપોર્ટ બંધ કરો અને બીજો હીરો માપો."

SPECIFICATIONS

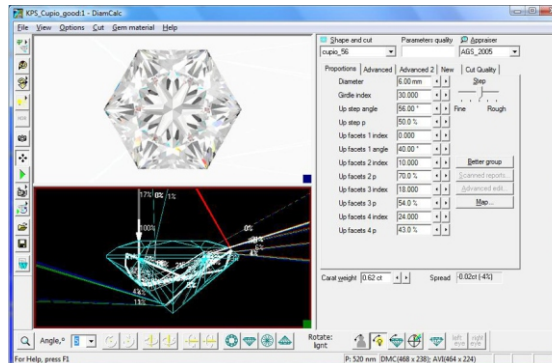
	HP 4.4 Digital	HP 8.5 Digital	HP 17 Digital	HP 23 Pro Digital	HP 34 Digital	HP 47 Pro Digital
↪ Field of view	: 3.3 mm X 4.4 mm	6.6 mm X 8.7 mm	13.2mm X 17.4mm	17.7mm X 23.6mm	26.4mm X 34.8mm	35mm X 47mm
↪ Polish Size	: 1 mm to 4.3 mm	2.3 mm to 8.5 mm	4.5mm X 17mm	5mm to 23mm	9mm to 34mm	10mm to 47mm
↪ Diamond types	: Any cuts					
↪ 3D-model accuracy:	: 3.2 microns	6.5 microns	13microns	15microns	26microns	30microns
↪ ReCut option	: Available					
↪ Print reports	: Available (Very detailed + user defined)					
↪ Mfg Warranty	: 24 months					
↪ Service Warranty :	: 12 months					
↪ Projected RBC range	: 0.004 to 0.30 Cts	0.05 to 2.00 Cts	0.35 to 18 Cts	0.50 to 45 Cts	3.00 to 140 Cts	5.00 to 450 Cts
↪ Projected Marquise range	: -	0.09 to 0.60 Cts	0.60 to 4.5 Cts	0.90 to 11 Cts	5.00 to 35 Cts	9.00 to 110 Cts

HARDWARE

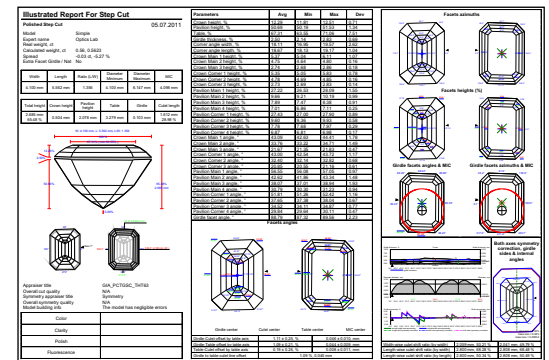
	HP 4.4 Digital	HP 8.5 Digital	HP 17 Digital	HP 23 Pro Digital	HP 34 Digital	HP 47 Pro Digital
↪ Lens	: 2x	1:1	1:2	1:2	1:4	1:4
↪ CCD camera	: 2/3" - 1360 X 1024	2/3" - 1360 X 1024	2/3" - 1360 X 1024	1" - 1600 X 1200	2/3" - 1360 X 1024	1" - 1600 X 1200
↪ Computer requirements	: Intel Core i7 3rd Gen 3770K , 4GB DDR3, 500GB HDD, PCI Express NVIDIA GTX650Ti, 22" LCD Monitor, PCI LAN card Intel Pro 1000GT					
↪ Operating Systems	: Windows 7 - 32bit					
↪ Weight	: 13 Kg	19 Kg	25 Kg	25 Kg	25 Kg	25 Kg
↪ Dimensions L x W x H	: 53 X 16 X 21 (cm)	70 X 16 X 21 (cm)	90 X16 X 21(cm)	90 X16 X 21(cm)	90 X16 X 21(cm)	90 X16 X 21(cm)
↪ Power consumption	: 220V 50Hz 300W					



COMPARE REPORT (VIRTUAL RECUT)



LIGHT PERFORMANCE STUDY IN DIAMCALC



ILLUSTRATED REPORT