



J.Min



J.Min is a portable diamond verification instrument for loose and mounted stones, designed to separate synthetic diamonds from diamonds. J.Min is manually operated and gives a semi-automatic test interpretation.

J.Min automatically makes a measurement and displays one of the following results:

- ◇ Diamond
- ◇ Synthetic diamond
- ◇ Refer

In case of a query, J.Min software has a troubleshoot option that connects the user with the DRC Techno Support team to get instant response.

Stone Testing Capabilities

Weight of stones:	0.003 ct+
Size of stones:	0.7 mm+
Colour of stones:	D-K
Shape of stones:	All
Diamond simulants:	No
Mounted stones:	Yes not yet ASSURE Tested

Instrument Capabilities

Automated feed:	No
Automated results:	Semi-automatic
Automated dispense:	No
Detect or Refer (synthetic diamonds)	Detect
Detect or Refer (diamond simulants)	N/A
Multiple stones at once:	Yes
Training required:	Yes

Instrument Performance

The results demonstrate the performance of the J.Min tested by an expert operator:

	Core Sample	Smalls Sample
Diamond False Positive Rate <i>Optimal rate 0%</i>	15.6%	1.6%
Diamond Referral Rate <i>Optimal rate 0%</i>	N/A	N/A
Diamond Accuracy Rate <i>Optimal rate 100%</i>	93.9%	77.0%
Speed <i>Stones tested per hour</i>	935	935

Instrument Specifications

 **16.5 cm (w) x 25 cm (d) x 15.5 cm (h)**

 **6 kg**

6,499 USD August 2019

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