VEDANT
TECHVISION

Sure

CVD Detection Machine



Where **Ideas** Become **Precision**

CVD Detection Machine

JNSure is a next-generation detection machine designed to accurately identify Natural CVD, HPHT and CZ diamonds in both loose diamonds and studded jewellery. It supports diamonds ranging from D to K color grades and sizes as small as 0.02 carat.

Powered by highly advanced internal technologies, JNSure delivers results that are significantly more precise, reliable, and faster compared to other machines in the market – all while requiring minimal maintenance.

Whether you're a manufacturer verifying rough and polished stones, or a jeweller ensuring the authenticity of studded pieces, JNSure adapts effortlessly to your workflow. Its compact design and intelligent software interface make it a perfect fit for retail counters, manufacturing units, or lab environments.

Backed by extensive research and innovation, JNSure is not just a machine – it's a smart investment in trust, accuracy, and efficiency. Join the next wave of diamond authentication with a tool designed to meet the industry's evolving challenges.

From high-end jewellery showrooms to mass-scale diamond manufacturing units, JNSure is redefining the standard of diamond verification – one scan at a time.



High-Precision Detection



Smart Focus



Sleek & Space Saving Form CVD

CVD Detection Machine

Specification

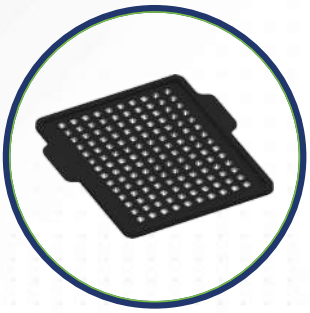
Dimensions	344 X 308 X 355 mm
Scanning Time	45 to 90 Seconds
Size	0.002 Carat and Larger
Scanning Area	225 X 175mm
System Weight	18 Kg.
Color Range	From D to K

Key Features

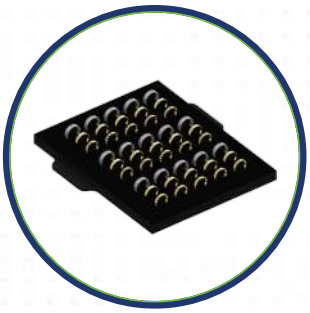
- **Dual Mode Detection** : Detects Natural CVD, HPHT and CZ diamonds in both loose stones and studded jewellery with seamless performance.
- **Wide Detection Range** : Supports diamonds from D to K color grades, as small as 0.002 carat, covering a wide quality spectrum.
- **Fast Detection Speed** : Provides reliable results in just 45 to 90 seconds, streamlining your inspection process.
- **High-Precision Detection** : Built for high accuracy and repeatable results, ensuring confidence in every scan.
- **Smart Automation Software** : Integrated Auto-Focus and Automatic Height Adjustment make imaging effortless – no manual adjustments required.
- **Sleek & Space-Saving Form** : Compact footprint (344 × 308 × 355 mm) makes it ideal for use in retail showrooms, factories, or certification labs.
- **Low Maintenance Design** : Engineered for long-term use with minimal maintenance, reducing downtime and operating costs.
- **User-Friendly Operation** : Intuitive software interface designed for non-technical users no special training needed.
- **No External Setup Required** : Fully self-contained system – just plug and play. No extra attachments or calibration tools required.
- **Silent Operation** : Operates quietly, making it suitable for high-end retail environments and shared work spaces.

CVD Detection Machine

ACCESSORIES



1 X Loose Diamond Tray.
(The Scanning Tray Measures
200Width x 250Height in MM)



Designed With Multiple Slots
For Easy Ring Placement
Holds Up To 45 Rings.



Effortless Organization With
Dedicated Bangle Slots
Tray Capacity Of 10 Bangles.



Software Key



1x Power Cable



1x Male To Male USB Cable

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Orange Multimedia

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Sure
Sure for Natural

CVD Detection Machine



Where **Ideas** Become **Precision**

CVD Detection Machine

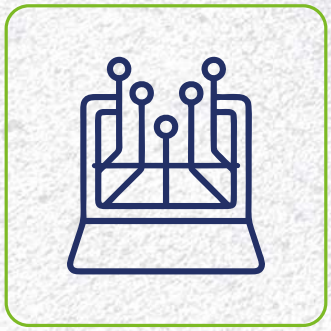
INsure
Sure for Natural

Introducing our latest innovation, the INsure machine. advanced detector can identify natural, CVD, HPHT and CZ diamond with exceptional precision. Ensure the authenticity of your diamonds with Insure.

Diamonds are rare and special and the same fact makes them very lucrative for malpractices such as diamond Stealing, Duplicating and Mixing with synthetic diamonds. When a diamond processor transforms a raw diamond into an expensive, polished diamond, it becomes imperative to protect it at any cost. The synthetic diamond's Overview: Physical characteristics are almost the same as those of a natural diamond, and its cost is lower in comparison with that of a natural diamond. so presenting, The INSure, a highly advanced, sophisticated solution to the discrete optical distinction of natural diamonds and synthetic diamonds. This system can display hundreds of diamond luminous imaging in a few seconds, so we can easily identify and protect each diamond. INSure has an intelligent control design and a friendly user interface. With a few simple steps of operation, the appliance will run automatically, and testing will be done in seconds. The software will gather the corresponding testing images and the results will be ready to be analysed. It is the ideal tool to determine contrastive diamonds mixed in loose diamond.



Stable Performance



Advance Technology



Quick Result

CVD Detection Machine

Sure
Sure for Natural

Specification

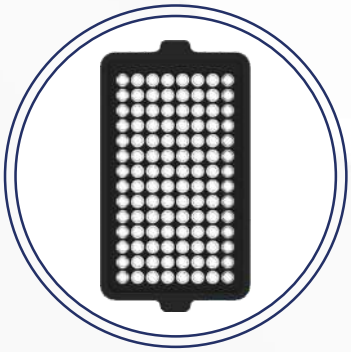
Dimensions	270 x 280 x 276 mm
Scanning Time	45 to 90 Seconds
Size	0.003 Carat and Larger
Scanning Area	100 X 155 mm
System Weight	8.750 Kg.
Color Range	From D to K

Key Features

- Competent Of Examine Up To Thousands Of Diamonds Per Hour.
- High Quality - Innovative Ir Technology.
- Capabilities To Test All Size And Shapes.
- Speedy Appliance To Check Diamond's.
- Deficient Preservation.
- Adaptable User Interface Without Any Deep Knowledge Of Gemology.
- Aesthetic Look.
- Most Competitive Price Among Similar Range Of Technology Providers.

Sure
Sure for Natural

CVD Detection Machine
ACCESSORIES



1 x Loose Diamond Tray.
(The Scanning Tray Measures
120width x 180height MM)



Software Key



1x Power Cable



1x Male To Male USB Cable



Power Adapter

Orange Multimedia

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DIAMOND MEASUREMENT & SORTING MACHINE



Precise Measurement... **Smart** Sorting...

DIAMOND MEASUREMENT & SORTING MACHINE

DiaMetric is an advanced digital diamond measurement and sorting machine, engineered for speed, accuracy and complete traceability. It measures every diamond's Length, Width and Diameter with an accuracy of ±10 microns, in less than 1 second per diamond, and instantly shows the operator which box the stone belongs to.

Built for 17 shapes, from Round, Oval, Pear and Marquise to Princess, Emerald, Baguette and Trillion, including Polki and free-form stones, DiaMetric applies the right measurement method to every shape. Beyond size, it can also measure side lengths, corner angles, tip angle, symmetry, L/W ratio and, for Polki, the stone's area (spread), shown live on the screen right on the diamond's image.

Every diamond is recorded automatically. Live box-wise counts, Excel records and one-click branded PDF and Excel reports remove paperwork completely and give you a reliable record for buyers, audits and your own team.

With easy calibration using your own reference diamond, smart Undo / Redo, and data that stays safe even through a power cut, DiaMetric is the ideal smart investment for diamond manufacturers, sorting units and traders.

Join the future of fast, accurate and fully recorded diamond sorting with DiaMetric, the new standard for diamond measurement

±10 Micron Accuracy

Under 1 Second Per Diamond

Smart Box Sorting

DIAMOND MEASUREMENT & SORTING MACHINE



Specification

Dimensions (L × B × H)	232 × 310 × 330 mm
System Weight	2.35 Kg
Measurement Accuracy	±10 Micron
Measurement Time	Less than 1 Second per Diamond
Shapes Supported	17 (15 Trade Shapes + Polki + Free-form)
Measurements	Length, Width, Diameter + Advanced Measurements
Sorting	Smart LED Box Indicator, Custom Size Ranges
Reports	PDF & Excel

Key Features

- **Precise Measurement** : Measures Length, Width and Diameter of every diamond with ±10 micron accuracy, consistent for every operator and every stone.
- **Speed & Efficiency** : Reads each diamond in less than 1 second, so you can place, read, sort and move to the next stone without delay.
- **17 Shapes** : Round, Oval, Pear, Marquise, Heart, Princess, Emerald, Asscher, Radiant, Cushion, Baguette, Taper, Trapezoid, Triangle, Trillion, Polki and free-form stones, each measured with its own method. Automatic shape detection is also available.
- **Advanced Measurements** : Side lengths, corner angles, tip angle, widths at 25 / 50 / 75 %, symmetry, L/W ratio, perimeter, diameters and out-of-round, plus area (spread) for Polki, selectable per shape and shown live on the diamond's image.
- **Smart Box Sorting** : Set your own size ranges for each shape. The matching box lights up instantly for every diamond. Multiple range sets can be saved and switched anytime.
- **Live Diamond Count** : Box-wise count while you work, with Undo / Redo of the last 10 stones, saved automatically to Excel, one row per diamond with a box-wise summary.
- **One-Click Reports** : Professional PDF and Excel reports with your company logo, address and branding: box summary, full diamond list and audited adjustments, for the current count or any earlier one.
- **Easy Calibration** : Calibrate with your own known-size reference diamond. The machine shows Known vs Measured before saving, for complete confidence.
- **Reliability** : Stable lock-in readings, tweezer-safe counting, dust filtering and power-cut-safe data saving keep your work accurate and your records intact.

DIAMOND MEASUREMENT & SORTING MACHINE

ACCESSORIES



1 × USB Male to
Type-C Male Cable



1 × HASP Key
(Software License Key)



1 × USB Cable



1 × Power Adapter

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Mini Sure

CVD DETECTION MACHINE



Effortless Detection... **Exceptional** Reliability...

Mini Sure

Minisure is the industry's first True Single-Mode Detection machine, engineered for ultimate simplicity and trust. It instantly and accurately identifies Natural, CVD, HPHT and CZ diamonds in both loose stones and all types of studded jewellery, supporting micro-precision screening down to an impressive 0.002 carat and D to K colour grades.

Powered by advanced internal technology, Minisure delivers reliable results in a rapid 45-60 seconds. It completely redefines convenience with its Ultra compact Footprint (200 x 270 x 220 mm) and a Mobile-Enabled Interface. You can operate the entire system, view results, and compare scans directly from your smart phone.

Minisure is designed for zero-hassle operation: its Integrated Smart AutoFocus eliminates manual adjustments, and its Zero-Downtime Engineering ensures minimal long-term maintenance. As a fully self-contained, silent, and true plug-and-play system, Minisure is the ideal smart investment for high end retail counters and travelling professionals.

Join the future of fast, reliable, and portable authentication with Minisure–the powerful new standard for diamond verification.



Mode Selection Is Not Required



High Speed High Efficiency



Effortless Imaging

Mini Sure

Specification

Dimensions	200 X 270 X 220 mm
Scanning Time	45-60 Seconds
Size	0.002 Carat and Larger
Scanning Area	100 X 100 mm
System Weight	8 Kg.
Color Range	From D to K

Key Features

- **Core Detection** : No mode selection required. Single-mode screening instantly identifies Natural, CVD, HPHT and CZ diamonds in both loose stones and studded jewellery with seamless, reliable performance.
- **Speed & Efficiency** : Delivers highly reliable and verifiable results in a lightning-fast 45-60 seconds, standardizing and drastically streamlining your entire inspection process.
- **Precision & Range** : Delivers exceptional micro-precision detection from 0.002 carat onwards, enabling accurate screening of the smallest diamonds. Covers a broad detection range for loose stones and studded jewellery from D to K color grades with consistent reliability.
- **Smart Operation** : The machine is operated via a user-friendly mobile app with an intuitive UI. Users can view results, analyze data, and compare scans directly on their smartphone.
- **Automation** : Features Smart Auto-Focus and Automatic Height Adjustment to make imaging effortless. Precision is guaranteed without any manual adjustments or complicated setup steps.
- **Design & Portability** : Smallest-in-class dimensions of 200 x 270 x 220 mm make it the most portable and space-saving solution, ideal for small retail counters, travel kits, or restricted workspaces.
- **Reliability** : Engineered for rugged, long-term use with minimal-to-zero maintenance required, dramatically reducing downtime and ensuring consistently low operational costs over the machine's lifespan.
- **Setup** : A fully self-contained system. Simply plug it in and start scanning instantly. No external attachments, dedicated computer, or calibration tools are needed.
- **Environment** : Operates quietly, making it perfectly suitable for high-end retail environments and shared work spaces where noise is a concern.

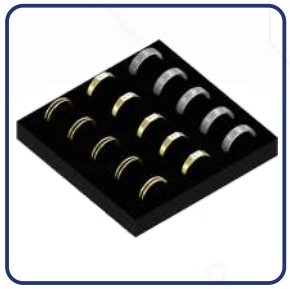
Mini Sure

CVD DETECTION MACHINE

ACCESSORIE



1 X Loose Diamond Tray.
(The Scanning Tray Measures
100mm Width x 100Height in MM)



Designed With Multiple Slots
For Easy Ring Placement
Holds Up To 15 Rings.



Effortless Organization With
Dedicated Bangle Slots
Tray Capacity Of 05 Bangles.



Power Adapter



1x Power Cable



Mobile Charger

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