

For Immediate Release

## DRC to Launch “Dia Measure™” at JCK Las Vegas 2025 – Precision Sorting That Adds Real Value to Every Diamond Parcel



**DIA MEASURE™: Automated Measurement and Sorting Machine for Small Diamonds**

**Las Vegas, NV – May 22, 2025** – *Diamtech Research Centre Pvt. Ltd. (DRC)*, a global name trusted for its gemmological innovations, is set to unveil its newest solution, **Dia Measure**, at **JCK Las Vegas 2025**. Designed to simplify how small diamonds are counted, measured, and sorted, Dia Measure delivers the kind of accuracy and consistency that adds real value — especially where every fraction of a millimeter matters.

For years, manufacturers, grading labs, and jewelers have dealt with slow, manual sorting processes that often lead to errors, mismatches, or quality issues. These bottlenecks cost time, lower parcel value, and leave customers dissatisfied.

### **Dia Measure offers a better way.**

This new-generation machine takes care of everything — from accurate counting to detailed measurement and sorting — automatically, in one smooth process. Built for high-throughput environments, it helps teams work faster, reduce mistakes, and deliver better assortments with minimal handling

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### **From the CEO**

“We’ve spent years listening to our customers — and the message was clear. Sorting small diamonds by hand is tedious, inconsistent, and often leads to avoidable losses,” said **Hardik Patel**, CEO of DRC. “With Dia Measure, we’re bringing much-needed precision and structure to this part of the business — while helping our clients get more value from every parcel. It’s practical, it’s proven, and it makes a real difference.”

## Solving Real Problems, Not Just Scanning Stones

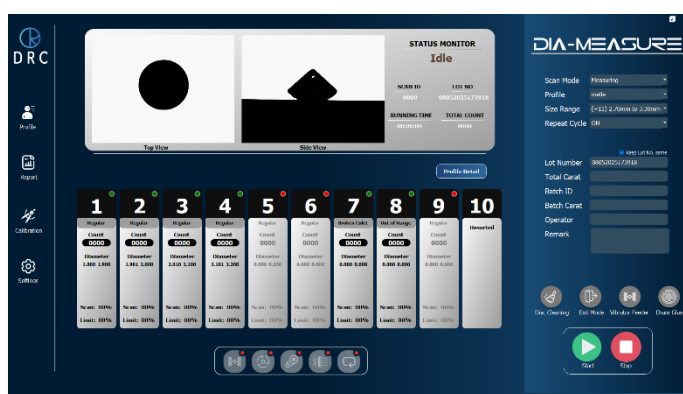
Sorting melee diamonds is one of the most repetitive and error-prone jobs in diamond manufacturing. Dia Measure is built to change that — not with gimmicks, but with practical tools and reliable performance.

- **Manual counting mistakes?** Gone. Each stone is automatically counted, with full traceability.
- **Inconsistent size profiles?** No more — stones are sorted into 10 size grades, based on user-set preferences.
- **Invisible breakage?** Detected in real time using smart edge-checking technology.
- **Oval stones in a round batch?** Flagged instantly to maintain match quality.
- **Time-consuming handling?** Reduced to nearly zero — Dia Measure runs hands-free.

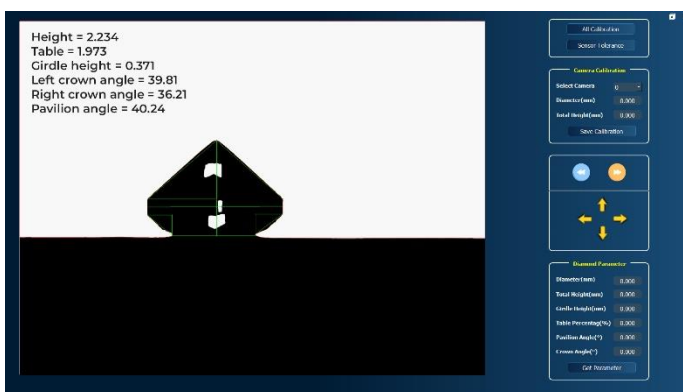
### Key Features You'll Actually Use

- **Micron-Level Accuracy**  
Measures key dimensions — diameter, height, crown/pavilion angles, table, girdle — with a margin of just  $\pm 0.005$  microns.
- **Quality Control That Works**  
Detects chipped culets, girdles, and shape deviations like ovality — before they reach final packaging.
- **Fast Throughput, Clear Output**  
Process up to **5,500 diamonds/hour**, sorted into **10 custom profiles**. Reports available in **PDF/Excel** with live imaging.
- **3 Flexible Modes**  
Choose between **Count Only**, **Full Measurement**, or **EdgeGuard QC** modes depending on your workflow.
- **Assortments That Sell Better**  
Perfectly calibrated bags and flutes often fetch **up to 50% higher prices** in high-end markets.
- **Touch-Free Operation**  
No manual calibration or cleaning — it runs smooth and maintains itself with minimal downtime.

### GUI: Home Screen



### GUI: Calibration Screen (Horizontal Camera)



## Who It's For

Whether you're a diamond supplier, grading lab, jewelry manufacturer, or luxury watch brand, **Dia Measure** empowers you to:

- Deliver **perfectly matched, premium-quality assortments**
- Reduce **rework, rejection rates, and labor costs**
- Serve **precision-focused clients** with consistency and confidence
- Unlock **higher pricing** with fluted and bagged assortments that command up to **50% more value**

This isn't just a machine — it's your bridge to turning **accuracy into efficiency**, and **precision into profit**.

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## Visit Us at JCK

### Booth #56097 – Tech & Essentials Pavilion

*JCK Las Vegas | June 6 – June 9, 2025*

See Dia Measure in action and talk to the team behind it.

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## About DRC

Founded in 2012, Diamtech Research Centre Pvt. Ltd. (DRC) is a global leader in advanced diamond technology, delivering innovative solutions across detection, measurement, and precision automation. With over 4,000 customers in 45+ countries, DRC's technologies power some of the world's most trusted names in diamond manufacturing, grading, and jewelry. From pioneering lab-grown detection to redefining how melee diamonds are measured and sorted, DRC continues to shape the future of high-performance diamond operations with intelligent, scalable, and user-focused innovations. For more information kindly visit **[www.DRCIndia.in](http://www.DRCIndia.in)**.

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