

WHEN SPEED & ACCURACY COUNT



## ▶ PRODUCT

### DIAMOND COUNT

Counting precious stones is a labour-intensive task in which human error can occur, resulting in the loss of precious stock and production time. The Diamond Count machine – which counts rough, semi rough and polished precious stones – is the most advanced solution to this problem in the diamond and jewellery industry.

With nearly 100 percent accuracy, Diamond Count is able to count precious stones small as 0.5 mm, at a speed of up to 180,000 stones per hour depending on size.

Diamond Count suits large and medium diamond and jewellery manufacturers as well as rough diamond traders and mining companies, all of whom must count stones of different sizes in their daily production process.

Diamond Count's results are instantly transmitted to the client's inventory software or to an Excel spreadsheet using Bluetooth wireless technology. Excellent control can be achieved by using a label printer and getting a record of each counting result with no manual interference.

The device employs proprietary patented technology.

#### FEATURES:

- Counts all shapes of stones from 0.5 mm to 8 mm at speeds of up to 180,000 stones per hour
- Large-quantity receptacle
- Bluetooth connectivity
- Counts a pre-set number of precious stones
- Includes an anti static solution
- Simple operation with a user-friendly interface

#### BENEFITS:

- Counts up to 1,700 carats in minutes
- Saves more than 70% of the time normally required to count
- Quickly separates larger parcels into smaller ones
- Enables reassignment of labour to more complicated tasks
- Significantly reduces labour cost
- Results can be transferred to PC software, Excel spreadsheets, or proprietary software
- Labels indicating size and count can be printed using a label printer



D.A.T.A. DIAMOND TECHNOLOGY LTD.

12 Hartom St. (RAD Bldg.), Har Hotzvim - Jerusalem 97775, ISRAEL

Tel: 972-73-2204444 | Fax: 972-73-2204466 | [www.data-tech.co.il](http://www.data-tech.co.il)





## COUNTING METHOD COMPARISON

Counting Method	Diamond Count/ DATA Count JR	Manual Counting
Speed	180,000 per hour	10,000 per hour
Control	Bluetooth connection; results transferrable to PC software, an Excel spreadsheet or proprietary software; size and count labels can be printed and barcodes generated	Manual control only
Accuracy	Nearly 100% accuracy	Unknown
Human error	None	Human error can easily occur in counting the stones or recording their number on the bag
Label Printer	✓	X
Losses	Close to zero	~ 0.05% of the stones
Cost-effectiveness	Short payback period of 1-4 years	Fixed labour cost
Efficiency	<ul style="list-style-type: none"> <li>✓ Improved productivity</li> <li>✓ Saves more than 70% of the time devoted to counting</li> <li>✓ Significant reduction in labour cost and stock losses</li> <li>✓ Enables control of production and logistics</li> </ul>	