

# Quantized IQB ROM

CD DVD Analyser  
Total Quality Control



## IQB ROM - The Cutting Edge

The IQB ROM is a totally new concept in disc testing - for the first time allowing CD and DVD testing on the same system

Utilising the latest in DSP and USB technology, the IQB offers 16x/4X real time, high speed testing capabilities without any compromise in accuracy.

Our unique hardware design means you can have the power and speed of the IQB for a fraction of the competition's prices.

Cutting edge hardware allied with unrivalled software tools gives you Total Quality Control

## Features

- ✓ CD and DVD Testing
- ✓ Real Time 16X/4X Testing
- ✓ Unique 'Press and Play' Interface
- ✓ 'Future Proof' Single Board Solution
- ✓ Multiple Drive Configurations
- ✓ Powerful Data Analysis Tools

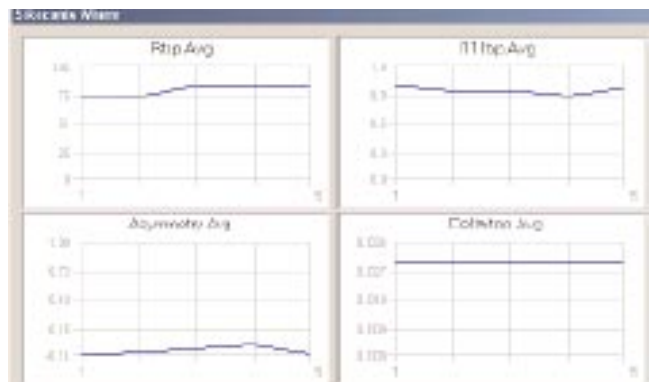
## Process Analysis Tools

The IQB boasts a full set of process control tools as standard

Every detail of every test can be recalled, assessed and analysed seamlessly. Groups of related tests can be generated to create comprehensive overviews of key production trends.

Stamper problems? Moulding issues? You can graph any parameter - stamper, production line etc -- over any timescale to pinpoint critical production issues.

The IQB's diagnostic tools allow you to anticipate problems before they cost you time and money.



Example of Production Trend Analysis Graphs

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#### Quick Test Mode

Predefined test routines can be run automatically when a disc is loaded into the test drive. Zone testing mode allows up to 40 radial locations to be tested in a single operation

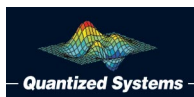
#### Multiple Tester Configuration

Multiple test drives can be controlled from the host P.C. Additional drives can be seamlessly added to the system using the latest 'Plug and Play' technology.

#### General Specifications

Height: 220mm.  
Width: 180mm.  
Length: 270mm.  
Power: 110-240 AC.  
Weight: 5kg.

#### Contact:



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#### Supported Formats

DVD-ROM 5  
DVD-ROM 9  
CD-ROM

All formats are calibrated to the relevant reference media and traceable to the appropriate industry standards.

#### Tests

##### DVD-ROM

##### CD-ROM

Reflectivity (RI14)	Rtop
Modulation (I14/I14 H)	I11 Itop
Resolution (I3/I14)	I3/Itop
Delta I14H (1 revolution)	Asymmetry
Asymmetry	Delta Itop (1 revolution)
Jitter (Data to Clock)	BLER
Eccentricity	E11 Cnt
PI Sum 8	E21 Cnt
PIF	E31 Cnt
POF	E12 Cnt
EDC Fail	E22 Cnt
SVY	E32 Cnt
V Noise	Jitter Pit (data to data)
DPT Amplitude	Jitter Land (data to data)
DPT Asymmetry	Radial Noise
Tangential Push Pull	V Noise
Track Crossing Signal	Push Pull
RN 1 (<1.1 Khz)	Cross Talk
RN 2 (1.1khz - 10 Khz)	Eccentricity
RN HS (10 Khz)	SVY
Focus Error	