

RESOLUTION⁵

NEXT GENERATION DIMENSIONING



WEIGHTS AND DIMENSIONS...

...IN A FRACTION OF A SECOND

...AT A FRACTION OF THE PRICE

RESOLUTION⁵

INLINE DIMENSIONING
CHECKWEIGHER

DYNAMIC DIMENSIONING AND WEIGHING USING 3D IMAGE PROCESSING TECHNOLOGY

- Process up to 2000 cubic or irregular shaped packages per hour
- 0.5cm accuracy with no need to specially position the object
- Plug and play. No maintenance, no separate PC or software required
- Low cost technology thanks for novel 3d imaging technology
- Fast dynamic measuring time (up to 2 m/s conveyor speed)
- Easy integration with 3rd party software using Web Service API
- Integrates barcode scanner, Lights, Buzzers and conveyor control
- Customisable interface and data transfer via Ethernet or RS232 in Excel file format
- Optional cloud service for storing measurement and image data

Resolution 5 is a new and revolutionary inline dimensioning checkweigher that uses the latest 3D imaging technology to measure length, width, height, weight and volume of cubic or irregular shaped objects. Up to 2000 items can be processed per hour with all data stored for viewing and download. Package images are taken to help counter any damage claims/disputes.

Easily incorporated into existing or new conveyor systems, Resolution 5 is Plug and Go with no separate PC, software or hardware required. The entire system is designed from the ground up to be maintenance free and entirely automated making it the ultimate parcel processing solution for storage or shipping warehouses, goods in/out, couriers or logistic depots.

The easy to use touchscreen Interface and powerful API means Resolution 5 can be easily integrated into any 3rd party software packages and even offers remote access via any web browser for viewing, control or downloading results as an Excel file.



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Resolution 5 includes:

- Complete dynamic check-weighing and dimensioning module with cameras and frame (as shown)
- Entry & Exit Conveyor
- Automatic Barcode Scanner
- Handheld Barcode Scanners
- Touchscreen Display for Control Terminal
- Software (all included - no additional software charges)

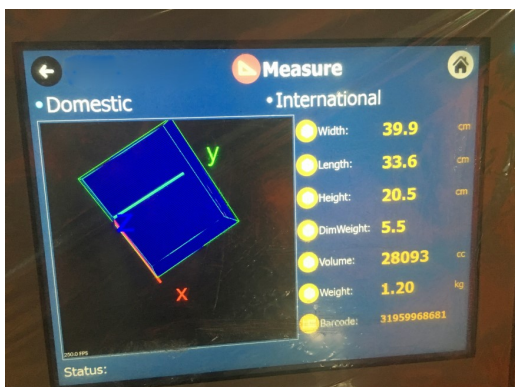
All measurement data and images are stored on the Resolution Five System and can be...

- Viewed locally on the Resolution colour touch-screen display
- Remotely viewed and downloaded from any PC with a web browser using the built in web service
- Sent via Ethernet or RS232 to a PC or server in Excel file format using the powerful built in webserver and API.

SPECIFICATIONS

CUSTOM SIZES, CAPACITIES AND FUNCTIONALITY AVAILABLE UPON REQUEST

Technology	3D Image Processing
Measurement Objects	Regular or Irregular Non-transparent Objects
Measurement Intervals	1mm
Accuracy	0.5cm
Integration Options	Access via Web Browser over Ethernet or Excel-readable (XML) File Output via Ethernet or RS232. Cloud storage (optional).
Output	Max. Width, Max. Length, Max. Height, Weight, Barcode, DimWeight, Image
Min Dimensioning Size	2cm x 2cm x 2cm (as standard but can be customised on request)
Max Dimensioning Size	80cm x 80cm x 80cm (as standard but can be customised on request)
Weighing Capacity Options	80kg (as standard but can be customised on request)
Operating Voltage	220V
Conveyor Speed	1.5m/s



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