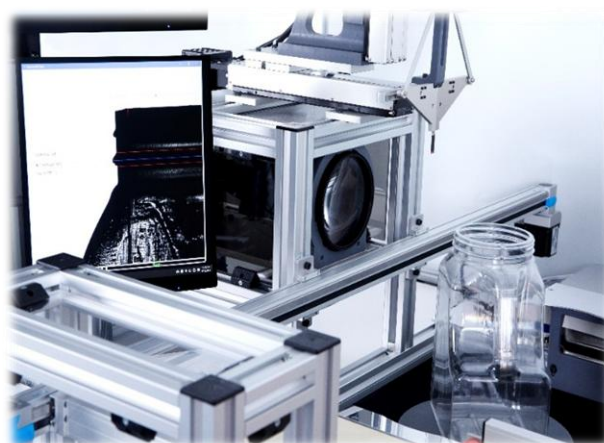
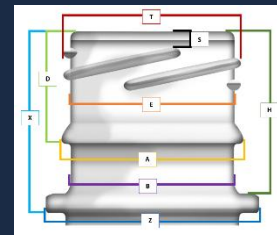


AVBIS-4C

Fully Automated Offline Precision Dimensional Measurement for Bottles

Flexible - Automated - Proven - Robust - Simple to Use



AVID's most popular bottle measurement system, the AVBIS-4C combines the measurement capabilities of the standard AVBIS with an automatic part handling system, delivering a powerful yet simple-to-use bottle metrology testing platform.

Operation is simple: the user loads bottles onto the input conveyor, selects the program for the bottle loaded, and indicates the number of bottles to be measured. Bottle handling, measurement, ejection, and data export is automatic, freeing the user for other tasks.

► Flexible

Standard system accommodates a wide range of bottle sizes, geometries, and materials. *One system to handle them all!*

► Fully Automated

Simple 'load & go' operation enhances lab productivity.

► Customizable

Built to customer specifications; long options list includes ID, weight, top-load, vacuum, safety enclosure, expansion, and exit conveyor modules.

► For Production

Best for high-volume / high-variety QA testing.

> 300

Systems Delivered

< 0.025mm

Measurement Repeatability

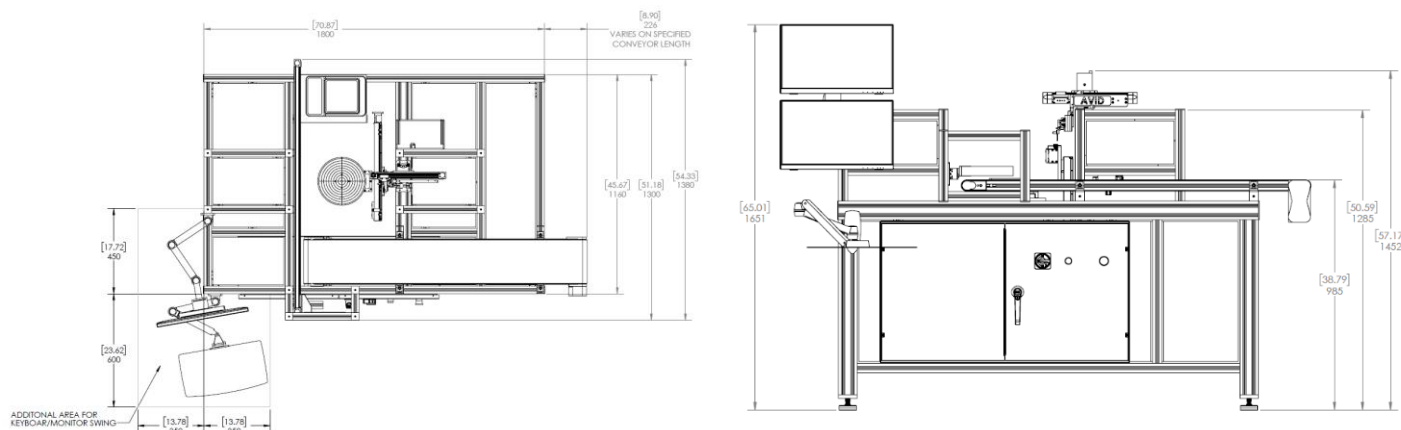
< 60s

Cycle Time (std.)

< 10%

GR&R Study Results

Technical Specifications: AVBIS-4C



Typical system configuration shown; options/customization may alter dimensions.

Application	Automated plastic bottle dimensional measurement via autoloading conveyor	
Measurement Range (std)	Height: 40mm-350mm*; Diam: 20mm-250mm*	*customization available
Dimensions Measured	SPI, ISBT, GPI & Cetie recognized dimensions included in standard software; <i>customer specific dimensions possible following review.</i>	
Operating System (Controller)	WIN11 IoT Enterprise LTSC	
Utilities Required	ELEC: 120V/240V-15A; AIR: 50PSI; INTERNET: for remote support only	
Environment	QA lab recommended; Temp: 55°F-80°F; Rel. Humidity 30%-60%	
Data & Reporting	CSV file / Serial (RS232, Digimatic, USB)	

About AVID Corporation

Since 1992, AVID has developed, manufactured, & supported precision measurement and testing solutions exclusively for the plastic packaging industry. We remain a private family-owned & operated company based in Portsmouth, NH USA, with satellite support offices in Phoenix, AZ and Detroit, MI. Our small size and partnership with leading manufacturers allow us to respond quickly to new requests and needs within the greater packaging industry.

Why Choose AVID Corporation?

Knowledge: 35+ years of packaging metrology experience – Focus specifically on the packaging industry – Defined and proven system capability (not vaporware) – Understanding of available technologies, strengths, and limitations.

Support: Consistent customer praise for responsive support/service – Typical support issues resolved in short telephone call, email, or remote desktop session – Service team available for onsite assistance.

Flexibility: Standard systems are not product specific or dedicated – Designed to accommodate the widest range of customer product with few changeout parts – Customizable routines: detailed qualification or basic critical checks.

‘Without data, it’s just your opinion.’

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