

832 Dimensionair® Air Gaging System

Features

- Digital and analog displays in a single unit. Large, high contrast digital readout shows exact deviation from zero; analog display shows measurement conditions at a glance.
- Fixed resolution and balanced air system makes the Digital Dimensionair a stable and reliable system for manufacturing environments.
- Only a single master required to set zero; system is precalibrated for correct magnification.
- Ranges and resolutions for virtually any air gage application, including 2-, 3-, 4- and 6-jet tooling plus AirProbes and JetProbes.
- Dynamics measurement capability.
- RS-232 Output – for communicating with a data collector, computer or printer, permitting statistical process control.
- Master Deviation – enhances measurement by making Auto Zero even more accurate.



Features

Model	Measuring Range	Digital Resolution	Analog Resolution	Tooling I.D. Number
Low Magnification Single or Dual Input	±0.080mm/ ±.003"	0.0002mm/ 10μ"	0.004mm/ 150μ"	60
	±0.040mm/ ±.0015"		0.002mm/ 75μ"	50
	±0.020mm/ ±.00075"		0.001mm/ 38μ"	20
High Magnification Single or Dual Input	±0.008mm/ ±.0003"	0.0001mm/ 5μ"	0.0004mm/ 15μ"	10
	±0.004mm/ ±.00015"		0.0002mm/ 8μ"	5

Technical Data

Number of Jets	Voltage/Adaptor	Low Magnification	High Magnification	Low Magnification	High Magnification
		Single Input Order no.	Single Input Order no.	Dual Input Order no.	Dual Input Order no.
1, 2, 3	110/U.S.	2004100	2004103	2004106	2004109
4	110/U.S.	2004101	2004104	2004107	2004110
6	110/U.S.	2004102	2004105	2004108	2004111
1, 2, 3	240/International	2004112	2004115	2004118	2004121
4	240/International	2004113	2004116	2004119	2004122
6	240/International	2004114	2004117	2004120	2004123