Z-Mike PrecisionScan/ PrecisionPro

PrecisionScan 4000 Series

The PrecisionScan 4000 laser scanning diameter gauges are a proven performer in a wide range of measurement applications. It's non-contact, single-axis measurement technique provides the same level of accuracy, regardless of operator. PrecisionScan can be interfaced with the BETA LaserMike PrecisionPro 6000 dimensional processors for optimum production control.

Model*	Meas. Range	Repeatability	Linearity	Dimensions (L x H x W)
PrecisionScan 4120C	2.5 - 112 mm (0.1 - 4.4 in.)	±0.5 µm (±0.000020 in.)	±5.0 µm (±0.000200 in.)	990.6 x 254 x 254 mm (39 x 10 x 10 in.)
PrecisionScan 4120F	0.25 - 115 mm (0.01-4.5 in.)	±0.8 µm (±0.000030 in.)	±5.0 µm (±0.000200 in.)	990.6 x 254 x 254 mm (39 x 10 x 10 in.)
PrecisionScan 4120HP	0.25 - 115 mm (0.01 - 4.5 in.)	±0.5 µm (±0.000020 in.)	±3.8 µm (±0.000150 in.)	990.6 x 254 x 254 mm (39 x 10 x 10 in.)

**Not available for sale in Europe*

PrecisionPro 6000-10

An integrated touch-screen and Windows-style graphical user interface make this affordable dimensional measurement processor incredibly easy to learn and use. But don't let the simplicity of operating the PrecisionPro 6000 fool you. This measurement processor has the data handling sophistication to provide the data you need in the form you need it on a clear, colorful flat-panel touch-screen display. The PrecisionPro 6000 capabilities:

- Display up to 32 data items (eight simultaneously)
- Color coding of out-of-tolerance measurements
- Interfaces to motion control and position sensing devices
- Programmable measurement and data manipulation

Dimensions (H x W x D)	235 x 394 x 349 mm (9.25 x 15.5 x 13.8 in.)	**Quadrature Encoders**	1 input standard (2nd input optional)
Enclosure Rating	IEC IP-52 (NEMA 12)	**High Current Drivers**	4 open collector outputs standard (8 additional optional)
Ambient Temperature	4-50°C (40-125°F)	**Printer Interface**	Parallel printer port compatible with dot-matrix or ink jet printers
Power Requirements	108-264 V AC, 50/60 Hz 90 VA maximum consumption	**Programmability**	User-definable measurement types User-definable data formats Arithmetic, trigonometric and data conversion functions
Display	7 in. Diagonal Color Flat Panel Touch-screen Display		
RS-232C Serial Port	1 standard (up to 115.2 Kbps)		
Programmable I/O	4 inputs and 4 outputs standard (8 additional outputs and 4 inputs optional)	**Multi-Feature Part Measurement**	32 features per part

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