

3D Software Extension for Pneumatic Probe

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This software option offers the ability to measure X, Y and Z co-ordinates with the probe. The standard Z probe comes standard with measuring Z surfaces. With this software extension, it allows the operator to use the probe to measure edges of parts.

This feature is a huge time saver in the set-up of production jobs. This option should strongly be considered in applications where frequent projects are set-up and taken down. Instead of manually setting an X,Y co-ordinate with a tool or dial indicator, the part origin can be found in seconds with the 3D extension.

The edge finding capabilities can also be used to check and measure finished parts. This data can be written to a file or used to alarm the operator of a certain condition. The probe could also be used to measure certain points and automatically recognize what part, model or size of a product is being loaded into the fixture. The probe can even measure two reference points and orient the program to machine on that same angle. The combination of the 3D probe extension software and the standard Datron control software allows many creative opportunities to streamline your production challenges.

This software option can be installed after the initial installation, if desired. The factory installed probe comes preconfigured to accept the software extension for a later date.

