



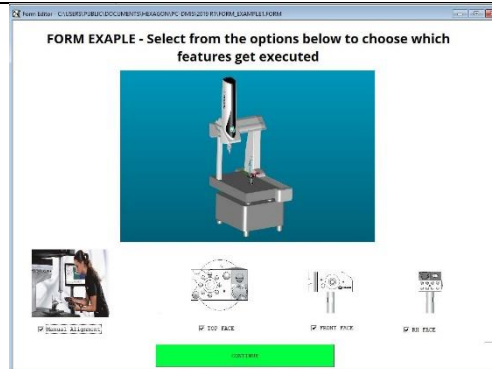
Form

How to use forms to define fields to enter at run-time and conditionally act on them.



Level: 3

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Files	Form_Example - v1.0 – 001.CAD Form_Example - v1.0 – 001.PRG Form_Example1.FORM LSPX1_3X50.PRB
Setup	Unzip *.PRG , *.CAD and *.FORM to your routine folder, and *.PRB to your probe folder.
Detail	<p>Key commands in this example are the form command (line 36) and the assignment commands preceding it.</p> <p>Upon execution, the GETPROGRAMINFO function is used to obtain the location of the measurement routine, since the form should be extracted to the same location, this is passed into the form command as the file location for the form.</p> <p>NOTE: The form does not have to reside in the same location as the measurement routine but it must be in a location that your user account has permission to access and the full path and filename of the form must be entered into the form command.</p> <p>The form allows you to make a number of selections by ticking checkboxes. These checkbox options are then passed back to the relevant variables in the measurement routine where they will dictate the behaviour. The user has the option to run or skip various sections of the routine (controlled by IF statements). Each section has been collapsed within a group to make for easier reading. Right click in the edit window and select “expand groups” to see the routine in full. This is very similar to what can be achieved using the mini-routines but gives the programmer more flexibility – for example mini-routines require the use of clearance cube whereas this example does not.</p>

