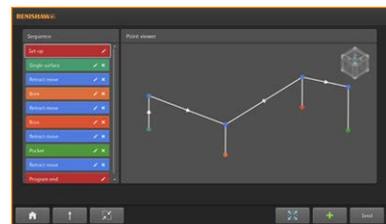
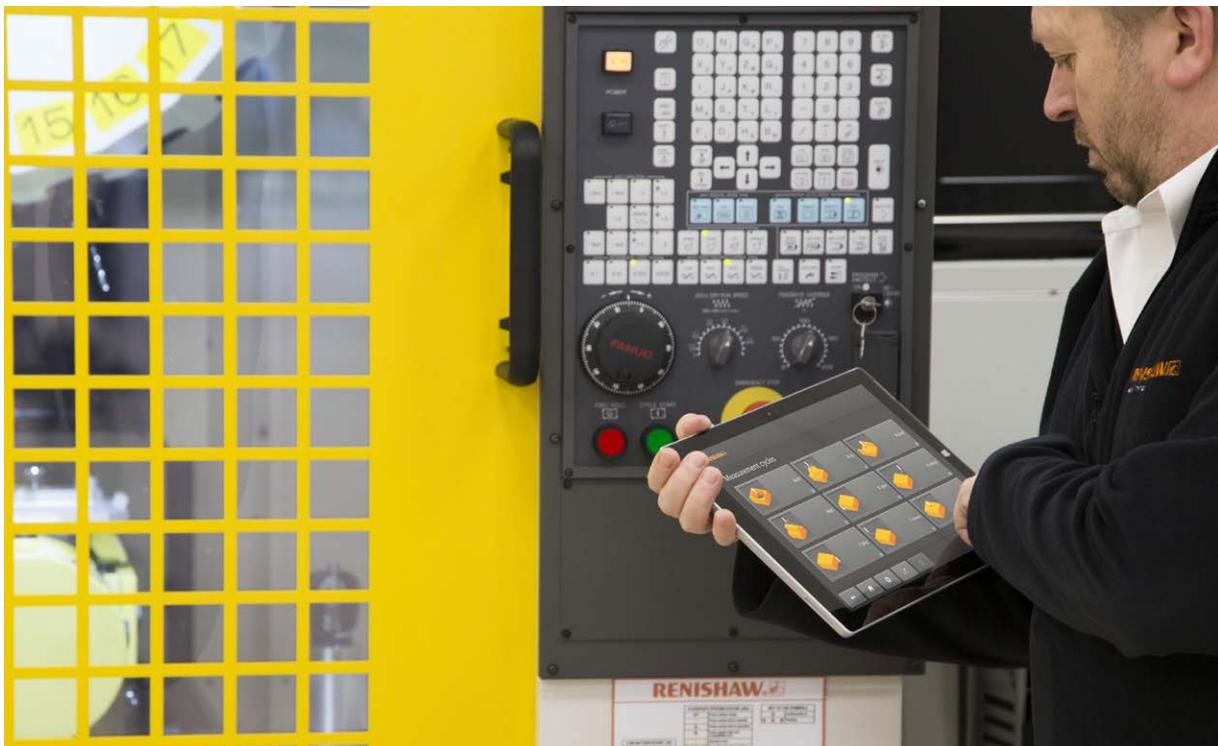


# Set and Inspect for Fanuc controls

Set and Inspect is a simple, intuitive, on-machine probing app for customers who require an easy-to-use probing solution.

Unlike traditional programming software, Set and Inspect is so easy to use that virtually no training is required: the software's intuitive interface guides the user through the process of creating a probing cycle, automatically generates the required machine code for the probing cycle and loads it to the control; making it perfect for new users and those with limited probing experience or machine code knowledge.



## Benefits

- Simple to use, highly visual display in an intuitive, easy-to-understand design
- No probing experience or machine code knowledge necessary
- Significantly reduces data entry errors
- Allows fast and accurate part set-up
- Supports part setting, inspection, and tool setting cycles
- Compatible with a range of 3-axis and 5-axis machine tools
- Choice of programming modes: use Single cycle to manually inspect individual features; use Program builder to generate an inspection program containing multiple features that can be embedded in other routines

<b>Part number</b>	A-5999-1200	
<b>Supported Fanuc controls</b> <sup>1</sup>	0i-B/C/D, 16i, 18i, 30i 0i-Fi, 15-i, 21i, 31i, 32i	
<b>Supported machine types</b>	Horizontal machining centres, vertical machining centres	
<b>Hard disk requirements</b>		
App alone	40 MB	
.NET Framework	Approximately 850 MB (32-bit controls); approximately 2 GB (64-bit controls)	
<b>Supported cycles: Single cycle</b>		
Part setting/inspection	Measurement	Single surface, bore, boss, pocket, web, corner (internal), corner (external), line, 3-point plane, 5-point rectangle (internal), 5-point rectangle (external), 3-point bore, 3-point boss, 3D corner, rotary axis update
	Calibration	Traditional: XY, Z, XYZ, probe check GoProbe: XY, Z, probe check
Contact tool setting	Measurement	Length, length and diameter
	Calibration	Round stylus, square stylus
Non-contact tool setting	Measurement	Length, length and diameter, corner radius, broken tool, broken tool: solid tools, edge check, profile check
	Calibration	Beam alignment, beam calibration
<b>Supported cycles: Program builder</b>		
Part setting/inspection	Measurement	Single surface, bore, boss, pocket, web, corner (internal), corner (external), line, 5-point rectangle (internal), 5-point rectangle (external), 3-point bore, 3-point boss, rotary axis updates
<b>Macro prerequisites</b>		
Machining centres	Inspection Plus	Renishaw part no. A-4012-0516, <b>version 0V or later</b>
	Contact tool setting	Renishaw part no. A-4012-0584
	Non-contact tool setting	Renishaw part no. A-4012-0820
<b>Supported Renishaw probes</b>	Spindle probes	MP700, OMP40-2, OMP60, OMP400, OMP600, RMP40, RMP60, RMP600, OLP40, OLP60, RLP40, Primo Radio Part Setter
	Contact tool setters	OTS, RTS, TS27R, TS34, Primo Radio 3D Tool Setter
	Non-contact tool setters	NC4
<b>Supported languages</b>	Czech, English, French, German, Italian, Japanese, Korean, Polish, Portuguese, Russian, Simplified Chinese, Spanish, Swedish, Thai, Traditional Chinese, Turkish	

<sup>1</sup> Fanuc NC with FOCAS or FOCAS 2. Microsoft® Windows®-based PC; Windows® XP, SP 3 or later: or tablet; Windows® 8 or later. Connection to the control is via Ethernet. For other controls, please contact your local Fanuc office.

For worldwide contact details, visit [www.renishaw.com/contact](http://www.renishaw.com/contact)

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