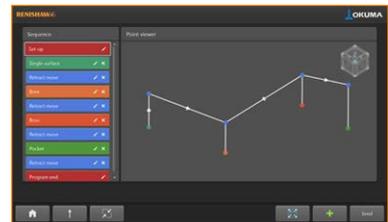


# Set and Inspect for Okuma controls

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-5999-1400	
<b>Supported Okuma controls</b> <sup>1</sup>		OSP-P200, OSP-P300	
<b>Supported machine types</b>		Horizontal machining centres, vertical machining centres, lathes, MULTUS, MacTurn, VTL, VTM	
<b>Hard disk requirements</b>			
App alone		45 MB	
.NET Framework		Approximately 850 MB (32-bit controls); approximately 2 GB (64-bit controls)	
<b>Supported cycles: Single cycle</b>			
Machining centres	Part setting/ inspection	Measurement	Single surface, bore, boss, pocket, web, angled surface, corner (internal), corner (external), block (internal), block (external), 3-point bore, 3-point boss, 3D corner, rotary axis updates
		Calibration	XY, Z
	Contact tool setting	Measurement	Length, length and diameter, multiple tools
		Calibration	Round stylus, square stylus
	Non-contact tool setting	Measurement	Length, length and diameter, broken tool, broken tool: solid tools, edge check, profile check, length: on-centre multiple tools
		Calibration	Beam alignment, beam calibration
Lathes	Part setting/ inspection	Measurement	SP1/SP2 0° and 90°, bore, boss, pocket, web, single surface, sphere
		Calibration	SP1/SP2 0° and 90°, bore, boss, pocket, web, single surface
MULTUS/ MacTurn	Part setting/ inspection	Measurement and calibration	SP1/SP2 0° and 90°, bore, boss, pocket, web, single surface, sphere
	AxiSet™ Check-Up	Measurement	SP1 and SP2, B-axis cycle and C-axis cycle
		Calibration	SP1 and SP2 cycles
VTL	Part setting/ inspection	Measurement	SP1 0° and 90°, bore, boss, pocket, web, single surface, sphere
		Calibration	SP1 0° and 90°, bore, boss, pocket, web, single surface
VTM	Part setting/ inspection	Measurement and calibration	SP1 0° and 90°, bore, boss, pocket, web, single surface, sphere
		Measurement	SP1, B-axis cycle and C-axis cycle
	Check-Up	Calibration	SP1 cycles
<b>Supported cycles: Program builder</b>			
Machining centres	Part setting/ inspection	Measurement	Single surface X/Y/Z, bore, boss, pocket, web, angled surface, corner (internal), corner (external), 3-point bore, 3-point boss, rotary axis updates
<b>Macro software prerequisites</b>			
Machining centres	Inspection Plus	Renishaw part no. A-4016-1035, <b>version 0P or later</b>	
	Contact tool setting	Renishaw part no. A-4016-1039, <b>version 0N or later</b>	
	Non-contact tool setting	Renishaw part no. A-4016-1051, <b>version 0D or later</b>	
Lathe, MULTUS and MacTurn	Inspection Plus	Renishaw part no. A-4016-1056, <b>version 0F or later</b>	
	AxiSet™ Check-Up	Renishaw part no. A-5642-4200, <b>version 0E or later</b>	
<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> Microsoft® Windows®-based controls. Okuma THINC API must be installed.

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