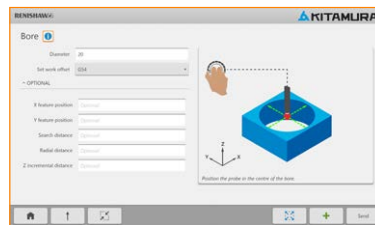
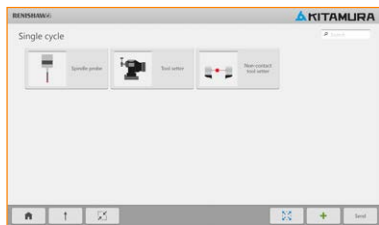


Set and Inspect for Kitamura controls

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

Part number	A-5999-1600	
Supported Kitamura controls ¹	Arumatik-Si Arumatik-Mi	
Supported machine types	Horizontal machining centres, vertical machining centres	
Hard disk requirements		
App alone	35 MB	
.NET Framework	Approximately 850 MB (32-bit controls); approximately 2 GB (64-bit controls)	
Supported cycles: Single cycle		
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
Supported cycles: Program builder		
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 update
Macro prerequisites		
Machining centres	Inspection Plus	Renishaw part no. A-4012-0516, version 0V or later
	Contact tool setting	Renishaw part no. A-4012-0584
	Non-contact tool setting	Renishaw part no. A-4012-0820
Supported Renishaw probes	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
Supported languages	Czech, English, French, German, Italian, Japanese, Korean, Polish, Portuguese, Russian, Simplified Chinese, Spanish, Swedish, Thai, Traditional Chinese, Turkish	

¹ Custom application interface (API) library must be installed. (The API is typically preinstalled by Kitamura.)
For other controls, please contact your local Kitamura office.

For worldwide contact details, visit www.renishaw.com/contact

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