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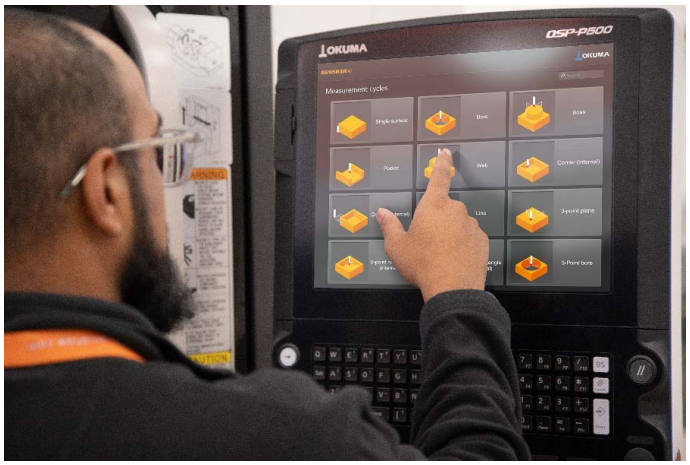
Set and Inspect and Reporter for Okuma controllers

The Set and Inspect and Reporter probing and measuring apps have been designed to be intuitive and need minimal training.

A clear user interface helps you quickly create probing cycles. Machine code is automatically created and loaded to the controller.

Detailed live data is clearly displayed, with pass or fail indicators for each measurement. Historical data is also displayed for every part measured.



Benefits

- Intuitive, highly visual display.
- Minimum previous probing or machine code experience needed.
- Reduces data entry errors.
- 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. [1]
- Automatically update work and tool offsets.
- Choice of 2 programming modes:
    - Single cycle manually inspects individual features.
    - Program builder generates an inspection program containing multiple re-usable features.
- Reporter is integrated with Set and Inspect for easy analysis of measurement and calibration data.
- Quickly view pass and fail measurement data at the CNC machine tool.
- Export to CSV or PDF, or stream live from the controller, using the optional extra, MTConnect.

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Part number		A-5999-1400	
Supported Okuma controllers		OSP-P200, OSP-P300[2], OSP-P500[3]	
Supported machine types		Horizontal machining centres, vertical machining centres, lathes, MULTUS, MacTurn, VTL, VTM	
Hard disk requirements		3.5 GB	
Supported cycles: Single cycle			
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
	AxiSet™ Check-Up	Measurement	SP1, B-axis cycle and C-axis cycle
		Calibration	SP1 cycles
Supported cycles: Program builder			
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
Macro software prerequisites			
Machining centres		Inspection Plus	Renishaw part no. A-4016-1035, **version AH or later**
		Contact tool setting	Renishaw part no. A-4016-1039, **version 0Y or later**
		Non-contact tool setting	Renishaw part no. A-4016-1051, **version 0G or later**
Lathe, MULTUS and MacTurn		Inspection Plus	Renishaw part no. A-4016-1056, **version 0P or later**
		AxiSet™ Check-Up	Renishaw part no. A-5642-4200, **version 0G or later**
Supported Renishaw probes		Spindle probes	MP700, OMP40-2, OMP60, OMP400, OMP600, RMP24, 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, Simplified Chinese, Spanish, Swedish, Thai, Traditional Chinese, Turkish	

[1] Microsoft® Windows®-based controllers. Software supported on Windows® 7 SP1 or later.

[2] Okuma THINC API 1.12-1.18 must be installed for OSP-P300.

[3] Okuma THINC API 1.19 or later must be installed for OSP-P500.

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