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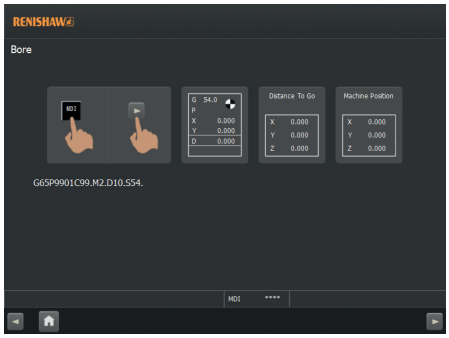
GoProbe iHMI for Fanuc iHMI controllers

GoProbe iHMI is a simple and intuitive on-machine app, designed for use with the new Fanuc iHMI interface for Fanuc Plus CNC controls, including Fanuc ROBODRILL machines.

With this seamlessly-integrated machine tool probing app, users of all levels of experience can take advantage of the many benefits offered by Renishaw probing systems.







Benefits

- Simple to use – intuitively designed visual display.
- No probing experience or machine code knowledge necessary.
- Minimises user error – generated macro calls are sent to the MDI screen.
- Wide range of languages supported.
- Embedded help text and images – removes the need for detailed product manuals.

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Specification

Part numbers		A-4012-4000	A-4012-4003	A-4012-4006
Panels (screens) supported		10.4 inch	15 inch	19 inch
Supported controllers		Fanuc Plus CNC and Fanuc ROBODRILL with iHMI interface and Picture Executor option (typically series 0iF-Plus and series 30i-B Plus).		
Pre-requisites		**Fanuc Plus CNC** Typically includes necessary Fanuc Picture Executor option and iHMi interface. System parameters 8811 and 8812 must be available. **Fanuc ROBODRILL** DiB series or later edition. Fanuc ROBODRILL with software option for Fanuc Picture Executor (A02B-0326-R644, A02B-0327-R644). ROBODRILL application (47HG) (version 16 or later).[1] System parameters 8811 and 8812 must be available.		
Macro software requisites				
Inspection Plus		Renishaw part no. A-4012-0516-AB or higher		
Contact tool setting		Renishaw part no. A-4012-0584-AG or lower		
Non-contact tool setting		Renishaw part no. A-4012-0820		
LTS		Renishaw part no. A-5475-8700-0F or higher		
Supported cycles				
Part setting/inspection	Measurement	Single surface, bore, boss, web, pocket, corner, line, 3-point plane, 5-point rectangle (internal and external), 3-point bore, 3-point boss, 3D corner, rotary axis update.		
	Calibration	XY calibration, XY calibration (training part), Z calibration (traditional), Z calibration (GoProbe), XYZ calibration, spindle probe check.		
Contact tool setting	Measurement	Length (on-centre, off-centre), length and diameter, broken tool, on-centre multiple tools (range, random).		
	Calibration	Round stylus, square stylus.		
Non-contact tool setting	Measurement	Length, length and diameter, corner radius, broken tools, broken tools (solid tools), edge check, profile check.		
	Calibration	Beam alignment, beam calibration.		
Length tool setting	Measurement	Length (on-centre, off-centre), broken tool, on-centre multiple tools (range, random).		
	Calibration	LTS calibration, LTS check.		
Supported Renishaw probes				
Spindle probes		MP700, OMP40-2, OMP60, OMP400, OMP600, RMP40, RMP400, RMP60, RMP600, OLP40, OLP60, RLP40, Primo Radio Part Setter.		
Contact tool setters		OTS, RTS, TS27R, TS34, Primo Radio 3D Tool Setter, LTS		
Non-contact tool setters		NC4, NC4+ Blue		
Supported languages				
English, Chinese (simplified), Chinese (traditional), Czech, French, German, Italian, Japanese, Korean, Polish, Portuguese, Spanish, Swedish, Turkish				

[1] Customers with an earlier version of the ROBODRILL application may be able to obtain an iHMI update from Fanuc. Contact Fanuc support for more information.

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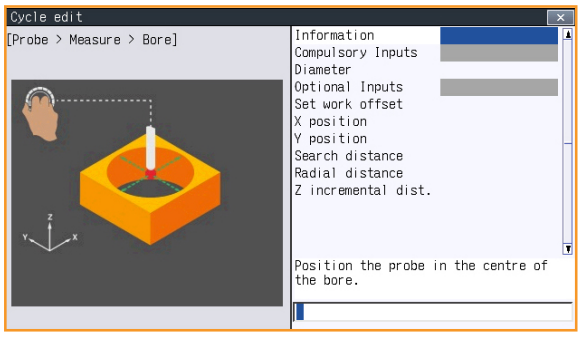
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GoProbe GUI (for Mitsubishi M80/M800S)

GoProbe GUI (for Mitsubishi M80/M800S) is a simple, intuitive on-machine probing app providing users with an easy-to-use probing solution.

Users of all levels can take advantage of the benefits offered by Renishaw probing systems with this seamlessly integrated app.









Benefits

- Simple to use – users are guided with easy-to-follow menus and instructions
- Available on Mitsubishi M80/M800S controllers that are not supported by Set and Inspect
- No probing experience or machine code knowledge necessary
- Reduces user error as the program is automatically loaded to the controller
- Help text and images remove the need for detailed product manuals

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Part number	A-4012-4010	
Supported Mitsubishi controllers		
Control models Mitsubishi M80, M830S, M850S	**Prerequisites** Software level C4 or higher. This includes Mitsubishi Interactive Cycle Insertion function for milling machines. Mitsubishi ICI installation file (to be obtained from Mitsubishi). Parameter 8991 must be set to 1 to allow interactive cycles to be displayed. Custom user cycle must not exceed 30 MB. This kit is for OEM, Dealer and Mitsubishi installation only.	
Macro prerequisites		
	Inspection Plus	Renishaw part no. A-4012-0516 (version AB or later)
	Contact tool setting software	Renishaw part no. A-4012-0584 (version AF or later)
Supported cycles		
Part setting/ inspection	Measurement cycles	Single surface, bore, boss, pocket, web
	Calibration cycles	XY calibration, XY calibration (training part), Z calibration (traditional), Z calibration (GoProbe), XYZ calibration
Contact tool setting	Measurement cycles	Length, length and diameter
	Calibration cycles	Round stylus, square stylus
Supported Renishaw probes		
	Spindle probes	OMP60, OMP600, RMP40, RMP400, RMP60, RMP600, OLP40, OLP60, RLP40, Primo Radio Part Setter
	Contact tool setters	OTS, RTS, TS27R, TS34, Primo Radio 3D Tool Setter
Supported languages	English, Traditional Chinese	

NOTE: Set and Inspect is recommended for Mitsubishi CNCs running Microsoft Windows® (M800W).

For further information and the best possible application and performance support, contact Renishaw.

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

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