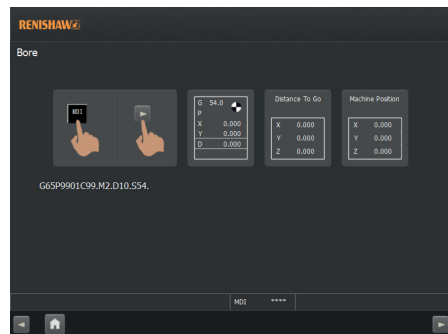
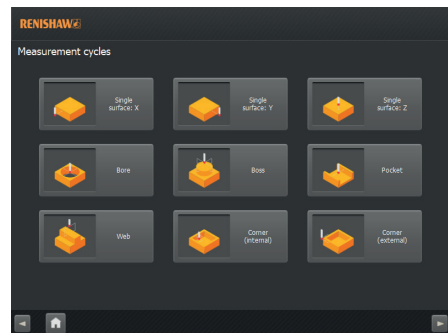
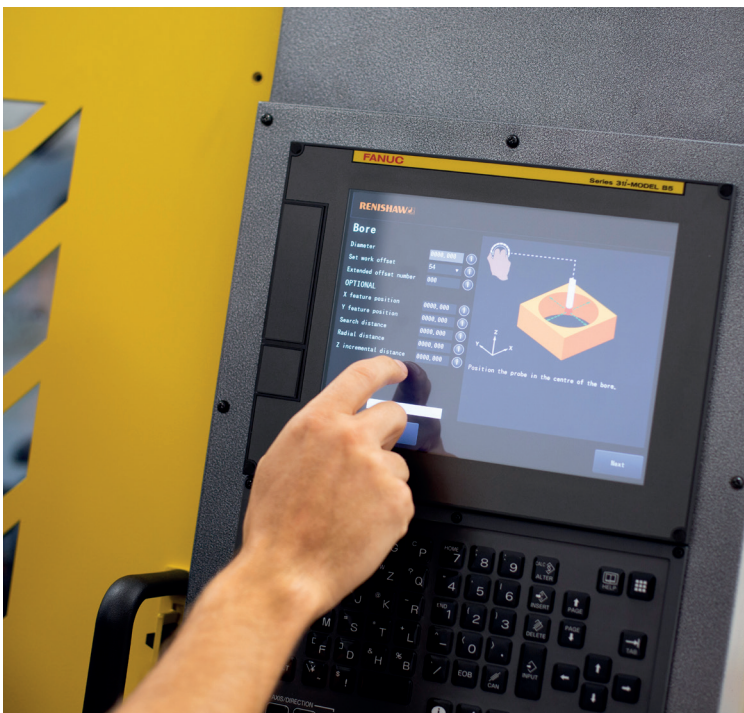


GoProbe iHMI for Fanuc iHMI controllers

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.

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	<p>Fanuc Plus CNC Typically includes necessary Fanuc Picture Executor option and iHMI interface. System parameters 8811 and 8812 must be available.</p> <p>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.</p>		
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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