

GoProbe iHMI for Fanuc ROBODRILLS

GoProbe iHMI is a simple and intuitive on-machine app, designed for use with the new Fanuc iHMI interface for Fanuc ROBODRILLS.

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
- Minimise user error – generated programs (e.g. O9901) are automatically loaded to the control as the active program
- Wide range of languages supported
- Embedded help text and images – removes the need for detailed product manuals

Part number	A-4012-4000	
Supported machine tool models	Fanuc ROBODRILL with Fanuc Picture Executor option	
Supported Fanuc controls	Control models ROBODRILL 31i Model B/B5	Prerequisites 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 Renishaw macro software package - A-4012-0516 (version AB or later)
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 cycles	XY calibration, XY calibration (training part), Z calibration (traditional), Z calibration (GoProbe), XYZ calibration, spindle probe check
Contact tool setting	Measurement	Length, length and diameter, broken tool
	Calibration cycles	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 cycles	Beam alignment, beam calibration
Macro prerequisites		
	Inspection Plus	Renishaw part no. A-4012-0516 (version AB or later)
	Contact tool setting s/w	Renishaw part no. A-4012-0584 (version AF or later)
	Non-contact tool setting s/w	Renishaw part no. A-4012-0820
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
	Non-contact tool setters	NC4
Supported languages	English, Czech, German, Spanish, French, Italian, Japanese, Korean, Polish, Portuguese, Swedish, Turkish, Chinese (simplified), Chinese (traditional)	

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.

For further information and the best possible application and performance support, please contact Renishaw or visit www.renishaw.com/goprobeihmi

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

