

Smart Pendant

Simplified Robot Programming

Key Benefits

Simplified INFORM programming supports powerful controller functionality

Fast and efficient deployment of robot system

Easy-to-understand operation; intuitive format mitigates retraining requirements

Smart Frame eliminates coordinate frames; the robot adapts to the user

Compatibility

YRC1000

GP7
GP8
GP12
HC10

YRC1000micro

GP7
GP8
GP12
HC10DT
MotoMini



- Easy-to-use touchscreen teach pendant provides simplified programming and fast implementation.
- Fast, simple learning curve compared to standard pendants; ideal for novice robot programmers.
- Intuitive Human Machine Interface (HMI) easily adapts to user style for easy operation.
- Built-in Smart Frame allows the robot to adapt to the position of the programmer resulting in easy robot jogging.
- Programming time is reduced resulting in quick implementation.
- Automatic programming feedback reduces programming errors.
- Quick error recovery reduces costly downtime.
- Interface displays relevant information during playback, allowing users to easily monitor variables, positions and I/O during runtime.
- Built-in help and how-to instructions; no need for hard copy manuals.
- Additional programming functions are provided through use of YRC Software Pendant (included with Smart Pendant).



Smart Frame's patented technology determines the user's orientation relative to the robot. This eliminates the use of conventional coordinate (X, Y, Z) frames and utilizes intuitive natural language directions for easy command of the robot movement.

Smart Pendant



Robot



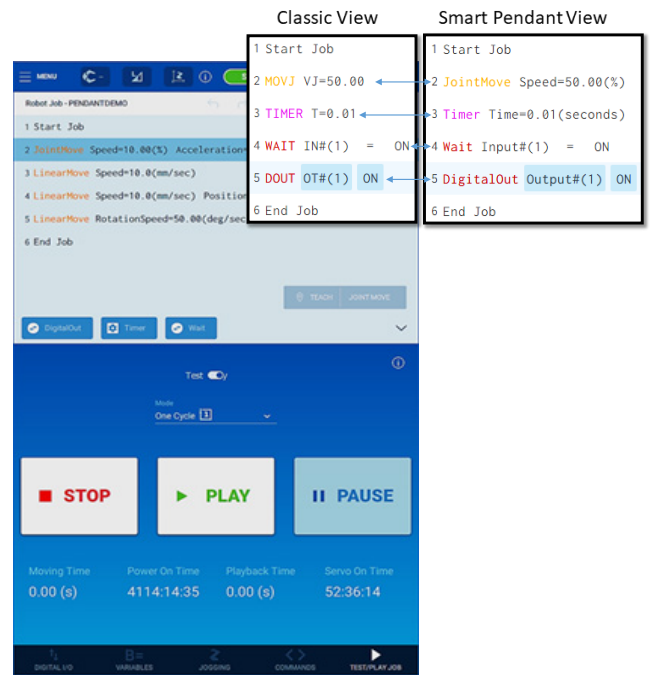
YRC1000

Simplified Programming

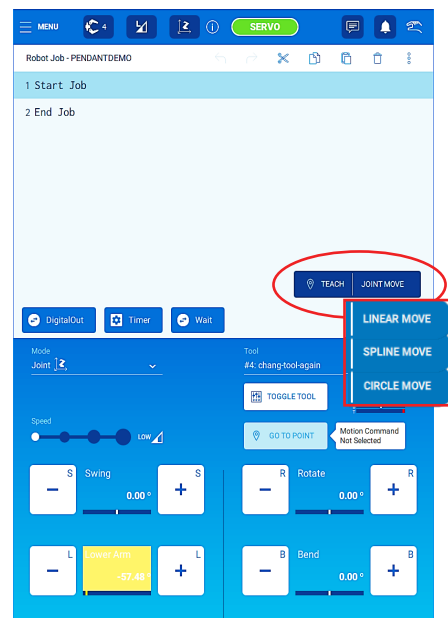
- Descriptive commands - no abbreviations to memorize
- Favorites bar - easy access to commonly used commands
- Job Editing - touch to edit functionality
- Command Builder - guides user to insert commands
- Playback - interface provides relevant data during playback
- Variables and I/O - easy to view, name and modify

Smart Pendant Components

- 10-inch touchscreen teach pendant with 3-mode key switch, Emergency Stop and enabling switch
- 8-meter cable (cable extensions are available)
- Modern tablet-based Graphical User Interface (GUI)
- YRC Software Pendant – a digital version of the standard Yaskawa teach pendant. This software is necessary to utilize some controller modes of advanced operation and settings. A PC (with Windows® 7 or Windows® 10) with an EtherNet connection is required.



Easy INFORM: Descriptive commands no longer require users to memorize abbreviations



Icon-based system to jog and teach points to the robot; eliminates complexity and reduces errors

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