

YRC1000micro

Ultra-Compact, Industrial Robot Controller

Key Benefits

Compact, lightweight and powerful Smallest robot controller in its class Minimizes installation space Easily connects to peripheral devices



GP7 GP8 GP12 HC10DT MotoMini



- Powerful and precise, ultra-compact robot controller minimizes installation space and optimizes performance.
- Small footprint and lightweight cabinet is ideal for factories with high-density layouts, where stacking of controllers may be required.
- Controller can be installed in either a vertical or horizontal position, as well as within a 19-inch rack, accommodating a wide range of layouts.
- Optimized acceleration / deceleration control can improve the robot's cycle time up to 10%.
- High path accuracy control enables increased precision in trajectory performance independent of motion speed.
- Robust motion software allows for highly accurate path planning, often resulting in reduced cycle times.
- Single controller-to-robot cable for improved cable reliability.
- Onboard interactive preventive maintenance data allows for simplified maintenance scheduling and robot performance analysis.

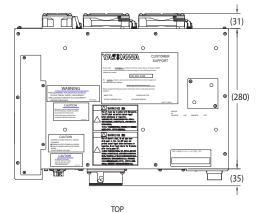
Standard Teach Pendant

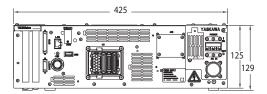
- Touchscreen user interface enables fast and easy programming.
- Provides ability to evaluate 3D simulation of robot motion on screen before or during robot execution.
- USB connection allows service staff to directly connect for remote service purposes.
- SD card slot enables easy transfer of job programs.
- 3-position enable switch in compliance with DIN EN ISO 10218-1.

Smart Pendant

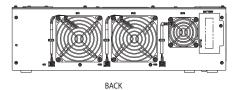
- Fast, simple learning curve; ideal for novice robot programmers.
- Easy-to-use 10-inch touchscreen interface.
- Simplified INFORM programming supports powerful controller functionality.
- Reduced programming time results in fast and efficient implementation of robot systems.
- Built-in Smart Frame eliminates coordinate frames; the robot adapts to the user.
- Consult Yaskawa Motoman for robot model compatibility.

YRC1000micro Controller





FRONT



Standard I/O - NPN

Designed for network I/O: 8 I/O standard

Network I/O

- EtherNet/IP
- DeviceNet
- CC-Link

^{*} Not available for GP12



100 Automation Way Miamisburg, OH 45342

Tel: 937.847.6200 | motoman.com



 $^{^{\}star\star}$ Smart Pendant - refer to Smart Pendant data sheet for details