

Panasonic G3 Robot Controller



General Information

Panasonic robots of the TA/TB series and the new G3 Robot Controller meets customer request for advance robotic application. Windows CE™ based G3 controller provides icon based user-friendly programming with wide 7" colour display and jog dial. It has access to the network by Ethernet, which enables advanced production management and quality control.

Technical Data

Windows CE™ based intelligent teaching pendant

- 7 inch TFT colour LCD
- Graphical User Interface-display with icons
- Jog dial
- 2 x USB 2.0
- SD memory card slot (SD, SDHC)

Networking

- Connection / Communication via Ethernet included
- Optional DeviceNet, Profibus and CC-Link

Controller

- C-like advanced programming language
- 64 bit CPU
- Controls maximum 27 axes
- 3 robots synchronization
- "Multi-mechanism control" – maximum 6 groups multi task
- Standard 40000 points memory
- Standard user I/O 40 each. Option I/O 504 each
- Multi welding control for maximum 5 digital power sources

Compliant with standards worldwide

- UL, CE, CSA, RIA

Customer Benefits

- Easy programming with Windows CE™ operating system
- Network protocols provides advanced production management and quality control for line productions
- Increased number of function keys (four to eight), enabling same action with less key strokes during teaching
- Faster and powerful CPU achieving half a minute quick boot up
- Optimum kinematic calculation realizing faster acceleration and deceleration
- Light weight design under 1 kg giving you less stress during teaching
- 'Weld Navigation' for easy weld development

Panasonic
Factory Solutions Europe

Robot and Welding Systems Europe

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