

Using patented multiple robot control technology, MOTOMAN's next-generation DX100 controller easily handles multiple tasks including control of up to eight robots (72 axes), as well as I/O devices and communication protocols.

The energy-saving DX100 features faster processing speeds, advanced robot arm control for smoother interpolation, built-in collision avoidance, and quicker I/O response. These advanced control functions take advantage of Yaskawa's Sigma V motor technology to optimize acceleration characteristics and reduce cycle time.

Connections to the controller cabinet are made through the back of the unit, optimizing floor space. The DX100 conserves power during robot idle time, providing up to 25% energy savings.

Featuring a robust PC architecture, the DX100 uses a Windows® CE, lightweight programming pendant with colour touch screen. Multiple window display capability and a unique cross-shaped navigation cursor considerably reduce teaching time.

A convenient compact flash slot and USB port facilitate memory back-ups. All operator controls are located on the pendant, allowing the control cabinet to be mounted remotely.



Key benefits:

- Patented multiple robot control (up to 8 robots/72 axes)
- Controller connections through back of unit optimize floorpace
- Dynamic interference zones protect robot arm and provide advanced collision avoidance
- Faster processing, high performance
- Reduces teaching time
- Provides up to 25% energy savings

MOTOMAN DX100

Industrial robot controller



Motoman Dx100 Inform Iii Manual

Ensheng Dong



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