

Motoman PX2900



Motoman's PX2900 robot is designed specifically for coating of car bodies, machinery, and large parts. The high-speed PX2900 robot creates a smooth, consistent finish with outstanding efficiency. The PX2900 XRC robot is Factory Mutual (FM) approved for Class 1, Division 1 use in hazardous environments.

Optional devices such as 24-color CCU, FGP, washing unit valve, and master valve can be mounted on the upper arm resulting in reduced tact time and wasted paint. Two types of programming pendants are available-the standard model for use in non-explosive painting applications an intrinsically-safe version for use in hazardous conditions. The XRC 2001-FM coordinates operation of robot and painting devices, including the gun. It supports gun control instructions such as spray start/stop and painting conditions.

**For more information about the Motoman PX2900,
contact a Robotworx representative today at 740-251-4312.**

Robot Information

Robot Specifications

Axes:..... **6**
Payload:..... **20 kg**
H-Reach:..... **2900 mm**
Repeatability: **±0.5 mm**
Robot Mass: **980 kg**
Structure: **Articulated**
Mounting: **Floor**

Robot Motion Speed

S-Axis.....**155 °/s (2.71 rad/s)**
L-Axis.....**125 °/s (2.18 rad/s)**
U-Axis.....**155 °/s (2.71 rad/s)**
R-Axis.....**450 °/s (7.85 rad/s)**
B-Axis.....**550 °/s (9.6 rad/s)**
T-Axis.....**650 °/s (11.34 rad/s)**

Robot Motion Range

S-Axis.....**±150°**
L-Axis.....**+110° - 50°**
U-Axis.....**+90° - 170°**
R-Axis.....**±360°**
B-Axis.....**±360°**
T-Axis.....**±360°**

Robot Controllers

XRC >

Robot Applications

Bonding / Sealing >
Coating >

Painting Automation >