DYNE TECHNOLOGY

Typical Applications:

- **Screw Tightening**

- **Dispensing**

- **Soldering**

- **Pick & Place**

- **CCD Camera & Height Sensor**
- **SCARA Robot and Electro Press Combination**

For further information click here

The JSR4400N Series SCARA Robot

Features

- **High Performance SCARA Robot at Affordable Price**
  The combination of the pulse motor and microchip drive circuit makes the JSR4400N Series an economical piece of machinery, while achieving high performance and minimal power consumption.

  The compact design achieved by the original all-in-one structure with the built in controller takes up little space and is easy to install. Simple teaching can also help increase productivity.

- **Simple Teaching Assures Operation Efficiency**
  Janome's original software JR C-Points allows you to teach robots easily and quickly. Also the direct teaching method, which enables the manual setting of tool positions by releasing all the axes, saves time inputting point data.

- **Economical**
  The JSR4400N Series SCARA robot enables a practical yet low-cost robotisation of production lines.

- **Energy Saving**
  The environmentally-friendly minimal power consumption is achieved by the combination of the pulse motor and micro-step drive control, which also enables smooth axis movement.

- **All-in-One Structure**
  The compact design is achieved by Janome's original all-in-one structure with the built-in controller. The JSR4400N Series can be run on 100V or 200V power source. Also, you can set it up simply by plugging into an outlet.

- **Large Memory Capacity**
  Up to 255 programs and 30,000 points of teaching data can be stored.

- **Flexible Tool Attachment**
  The JSR4400N Series comes equipped with 15 wirings for signals and 4 tubes for air piping (Φ4). The original structure with no drive motor inside the tool axis gives you flexible choices to attach tools, while providing increased room in the work area to handle the workpiece.

- **Substantial Interface**
  The JSR4400N Series comes equipped with four interface channels: three RS-232C channels (one of them is for a PC) and a RS-422 channel (for the teaching pendant). It also has an area sensor interlock connector and I/O connectors (25 inputs and 24 outputs as standard equipment).

- **Simple Sequencer Function**
  The built-in simple sequencer operates independently of the robot functions.

- **Self-Diagnosis Function**
  The self-diagnosis function enables you to respond to any unexpected errors quickly and accurately.

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