



PDS Robots

POLY DISPENSING SYSTEMS
SYSTEMES DE DOSAGE INDUSTRIEL

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POLY DISPENSING SYSTEMS has a complete, fast and efficient knowledge for ready-to-use robotic dispensing solutions.

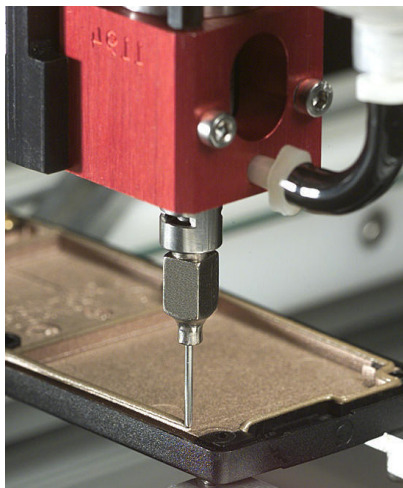
Our robots provide our customers with a competitive advantage by increasing quality and productivity in their manufacturing process.

Our cartesian robots are available in 3 or 4 axes and have displacement capacities going from 200 to 700mm.

These robots are perfectly designed to be integrated into a production line. It can be associated with the appropriate dispensing system and can perform several types of applications: dots, lines, potting, filling, underfilling, encapsulation, sealing, coating, jetting.

Properties of different PDS robots

	PDS - 200 - 3	PDS - 300 - 3	PDS - 400 - 3	PDS - 700 - 3	PDS - 500- 3
XYZ Robot Working Area / mm	200/ 200/ 50	300/300/100	400/400/100	700/400/100	500/500/150
Load Y-AXIS / Z-AXIS	4KG /2KG	10KG / 5KG	10KG / 5KG	6 KG/3 KG	10KG/5KG
Maximum speed	500 x 200	500/200	500 x 200	500 x 200	500 x 200
Repeatability	± 0.02mm/ Axis	± 0.002mm/ Axis	± 0.02mm/ Axis	± 0.02mm/ Axis	± 0.02mm/ Axis
Resolution	± 0.001mm / Axis	± 0.01mm / Axis	± 0.001mm / Axis	± 0.001mm / Axis	± 0.001mm / Axis
Data Memory	100 programs 4000 points/ program	100 programs 4000 points/ program	100 programs 4000 points/ program	100 programs 4000 points/ program	100 programs 4000 points/ program
Drive System/Stepping Motor	3- Phase	3- Phase	3- Phase	3- Phase	3- Phase
Motion Control	PTP & CP	PTP & CP	PTP & CP	PTP & CP	PTP & CP
Programming method	Teach Pendant «included»	Teach Pendant «included»	Teach Pendant «included»	PTP & CP «included»	Teach Pendant «included»
I/O Signals	8 Inputs /8 Outputs	8 Inputs /8 Outputs	8 Inputs /8 Outputs	8 Inputs /8 Outputs	8 Inputs /8 Outputs
External interface	RS232	RS232	RS232	RS232	RS232
Power Supply	230VAC	230VAC	AC 95-132V, AC 180-250V	AC1 10-220V 320W	AC 95-132V, AC 180-250V
Working Temperature	10 - 40 C°	10 - 40 C°	10 - 40 C°	0 - 40 C°	10 - 40 C°
Working Relative Humidity	20 - 90 % no condensation	20 - 90 % no condensation	20 - 90 % no condensation	10 - 90 % no condensation	20 - 90 % no condensation
Dimensions	330x500x455 mm	480x500x600 mm	585x600x600 mm	885x600x600 mm	685x698x746 mm
Weigh	15 KG	32 KG	40 KG	50 KG	46KG



PDS S.A.S is a french company that commercializes a wide range of dosage equipments, proven and effective.

Distributed in over 20 countries around the world, these equipments provide tailored solutions to many users in order to improve technically their manufacturing and reduce their productions costs.

Our collaborators and sales engineers have strong technical competences. They are able to answer your questions and offer you, after analysis, the right solution for your particular need.

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- NON CONTRACTUAL DOCUMENT -

POLY DISPENSING SYSTEMS

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