

PLC在制药机械中的应用

一、引言

1. 随着制药工业的不断发展，制药机械的生产效率和精度要求越来越高，传统的机械控制已经难以满足现代制药工业的需求。
2. PLC (Programmable Logic Controller) 具有逻辑运算能力强、控制精度高、抗干扰能力强等优点，在制药机械中得到广泛应用。
3. 本文主要介绍了 PLC 在制药机械中的应用，包括 PLC 的组成、工作原理、以及在制药机械中的具体应用案例。
4. 通过本文的研究，旨在提高制药机械的自动化水平，降低生产成本，提高产品质量。
5. 关键词：PLC；制药机械；自动控制；应用。

二、PLC 概述



图 1 制药机械整体外观



图 2 制药机械内部结构

三、PLC 在制药机械中的应用

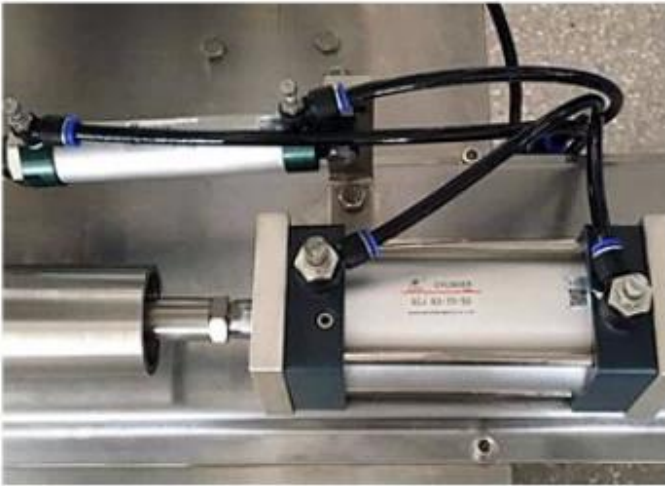
1. 物料控制：通过 PLC 控制物料的进出，实现精确的计量和分配。

2. 温度控制：通过 PLC 控制加热或冷却系统的运行，确保药液的温度符合生产要求。

3. 速度控制：通过 PLC 控制电机的转速，实现精确的速度控制。

4. 故障诊断：通过 PLC 监测设备的运行状态，及时发现并报警故障。

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ABOUT US



FOSHAN DEASSION PACKAGING MACHINERY CO., LTD is a comprehensive modern company integrating research, manufacturing and sale. Since founded, it has been taking shape by advanced technology which we continuously research, develop and apply. Company plant area of more than 10000 square meters, more than 120 employees, including 8 engineers, designers 4 people, research and development team with nearly 20 people.

OUR COMPANY



CERTIFICATE



VERIFICATION OF COMPLIANCE

2006/42/EC Machinery
2006/95/EC Low Voltage

Certificate No. : EC-DEU1407-1025

Applicant : Foshan Dession Packaging Machinery Co., Ltd

Address : No.1, Sanheng Road, East Xiadongchongkou Industrial Site, Ping Zhou Town, Nanhai District, Foshan Guangdong, China

Product : Packaging Machine

Model No. : DS-250B, DS-250D, DS-250S, DS-250E, DS-320B, DS-320D, DS-350B, DS-350D, DS-400B, DS-400D, DS-450D, DS-600D, DS-700D, DS-250X, DS-350X, DS-450X, DS-600X, DS350W, DS-450W, DS-450X, DS-450W, DS-600W, DS-320, DS-420, DS-520, DS-620, DS-720, DS-820, DS-520, DS-720, DS-320C, DS-320A, DS-320Y, DS-320C, DS-320A, DS-320Y, DS-320S.

Test standards : EN ISO 12100:2010; EN ISO 13849-1:2008
EN60204-1:2006+A1:2009+AC:2010

Test Report No. : DEU(14)-08-0240/MD
DEU(14)-08-0240/LVD

Date Of Issuance: Aug.20, 2014

Remarks: We Herby Confirm That The Technical Construction File And Manufacturing, Inspection And Testing Processes For Above Mentioned Product Comply With The Essential Safety Requirements Of EU 2006/42/EC Machinery, 2006/95/EC Low Voltage Applied codes And Standards.

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