

The design of medical electronic dispenser

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Abstract:

This electronic dispenser is the special portable device with high accuracy and lots of functions which other super electronic dispensers have, but it is cheaper and more convenient. Several mechanical and controlling protocols were discussed and their advantages and shortcomings were given. According to these results, step motor will provide the power and coder was used as measuring system, the chip MSP430F2274 was selected as MCU. After some experiments, the low-power and high-precision medical electronic dispenser was designed, in addition, the method is beneficial for design and exploitation of other similar dispensers.

Published in: [Mechanic Automation and Control Engineering \(MACE\), 2010 International Conference on](#)

Date of Conference: 26-28 June 2010

INSPEC Accession Number: 11461561

Date Added to IEEE Xplore: 03 August 2010

DOI: [10.1109/MACE.2010.5535478](#)

▼ ISBN Information:

Publisher: IEEE

Electronic ISBN: 978-1-4244-7739-5

Conference Location: Wuhan, China

Print ISBN: 978-1-4244-7737-1

CD-ROM ISBN: 978-1-4244-7738-8