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DOSIS L60

by Manchac Technologies, L.L.C.

The DOSIS L60 gives you the production of two technicians and saves you valuable time while helping increase your flexibility allowing you to adjust to customer needs. Our price-point and scalability give you many options to grow.

President (Founder): Monroe Milton
VP (Founder): Randall Murphy
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 Founded: 2006
 Employees: <250
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Company Background

Manchac Technologies, L.L.C. opened its doors in 2006 to take advantage of opportunities in the pharmacy automation market through the development and applications of new technology. Manchac has developed a revolutionary, machine vision counting technology and has built a ground-breaking pharmacy automation system, DOSIS®, around this unique counting technology. DOSIS (DOH-sis), based on a Greek word meaning to dispense medication, provides a filled, sealed and labeled blister card through a unit that has a pharmacy-friendly footprint.

Led by Randall Murphy and Monroe Milton, Manchac was founded by veteran pharmacy automation engineers. Our assembled team has significant experience in the design, development, manufacture, service and support of pharmacy automation products. With well over 100 years of collective industry experience, Manchac will continue to leverage the team's talents and skills to dominate an ever-growing pharmacy market serving long-term-care and assisted living facilities; and, later expand into other automation markets.

Product Overview

DOSIS® L60 is a robotic solution for completely automating prescription filling, sealing, and patient labeling of 30 or 31-Day single medication blister cards (a.k.a. bingo-cards) in a physically compact enclosure.

This solution offers unbounded value to pharmacies in need of higher prescription throughput without extra staffing. DOSIS is the most cost effective automated prescription packaging of blister cards in the market.

Blister cards, which typically hold a single medication 30-day supply, are preferred for use in Long Term Care facilities due to their ease of handling, inspecting, and administering to patients. DOSIS has the capacity to run continuously for up to four hours unattended before restocking empty blisters. To minimize impact to pharmacy floor plans, the unit is a similar in size and shape to a vending machine or shallow refrigerator (26" L x 42" W x 78" H), requiring a foot-print of less than 7 sq. ft. of floor space. Each unit contains 60 medication containers each with a capacity of 1000cc. DOSIS is typically installed and operational in a single day.

Flexibility: DOSIS improves your pharmacy's flexibility to meet the needs of your customers. You can set dispensing parameters based on payer type, facility or prescription. Being able to use the same automation for a variety of customers, you can now grow your business without the fear of outgrowing your automation.

DOSIS can be instrumental in aiding your pharmacy in achieving all of the following: increased production of blister cards; stabilizing your labor demand and eliminating overtime; and, extending your typical hours of production. Whatever your need is, DOSIS fits into your pharmacy workflow unlike any other automation.

Calendar Filling: DOSIS gives you the ability to dispense blister cards based on a prescription's start date. DOSIS reads the start date entered into the Pharmacy Management Information System (PMIS) and dispenses the medication into the blisters so that the pre-printed numbers on the card match the dates for the prescription.

This calendar filling feature is available on both card types; cycle-fill style of cards (1 to 31, starting at 1) or non-cycle fill cards (1 to 31, starting at 31).

Ease of Use: The DOSIS L60 is unlike most automation products when it comes to ease of use. We start off by NOT installing any software onto your computers. The L60 is 100% browser based for all reporting, replenishment and monitoring activities. This allows you to monitor the operating status from any terminal on your network. On the L60 itself, there is a touch screen for all user interactions at the system.

The Difference: Until now, the concept of "on-demand" filling from your pharmacy management software for 30/31 day blister cards was too expensive and too large.

Traditionally the pre-packing machinery that has been available requires direct labor to achieve high throughput of blister cards. While pre-packing certain oral-solid medication may still be a wise choice to provide optimum overall pharmacy throughput performance, not all pharmacies can afford the capital outlay of dedicating pharmacy technicians to expensive pre-packing machinery.

However, pre-packing to meet your oral-solid dispensing needs in a 30/31-day single medication blister cards just got simpler with DOSIS.

DOSIS accepts prescriptions from your data entry technician directly through your pharmacy management information system (PMIS). It is as simple as marking drugs in your PMIS and then adding these selected drugs into the DOSIS cabinet. From that point forward, DOSIS will dispense these medications on-demand. Specifically, DOSIS fills, seals, and patient labels the prescriptions for drugs that are contained in DOSIS without any technician assistance!

DOSIS works with any pharmacy management information system that has the ability to send requests to DOSIS.

Testimonials

"DOSIS has allowed us to fill the same volume of bingo cards with fewer hours worked and decreased overtime. We are hitting performance and service targets with DOSIS and being more consistent. We believe it is technology with longevity."

— Ted Hunt, R.Ph. Pharmacy Partners

Features & Options

Software Integration

We currently interface with:

PrimeCare and NRx from QS1; Etreby from Cerner; PRISM from NewTech; Health Business Systems (HBS); FrameworkLTC from SoftWriters; PDX