

Description: [Desktop Robotic Dispensing System](#)

Models: [FD300V](#), [FD400V](#), & [FD500V](#)

Standard Accessories: [Pneumatic Controller](#), [Teach Pendant](#), [Syringe](#), & [Mounting Bracket](#)

Axis: [3 \(X, Y, Z\)](#)

Working Areas: [FD200V\(200X200mm\)](#) , [FD300V\(300X320mm\)](#), & [FD400V\(400X400mm\)](#)

## Overview

Fancort offers a complete array of highly engineered robotic dispensing solutions. Our valves and controllers are manufactured in the USA and are integrated with state of the art Janome desktop robots to provide industry leading quality. Every system is built and tested by Fancort Industries Inc. in New Jersey and supported by our team of in house engineers and technicians. When selecting a dispensing system it is highly important to select a system and most importantly a valve set that is compatible with the process

## Features

- Janome robot platform for easy programming and high reliability.
- Compact design reduces size & cost.
- Standard systems include teach pendant, controller, syringe dispense, and needle.
- Optional valves engineered to dispense most known fluids.
- Valves are manufactured in USA.
- System built and quality tested in the USA.
- Free process development sampling at Fancort facility.
- Optional PC software
- 1 year factory warranty.

## Performance Specs

- Working Area: [FD200V\(200X200mm\)](#) , [FD300V\(300X320mm\)](#), & [FD400V\(400X400mm\)](#)
- Continuous Path Control
- Fill-In Function: Create a shape and automatically fill area with fluid.
- Add on I/Os: Up to 16 inputs/14outputs
- Up to 500mm/s X/Y speed
- 0.01mm repeatability
- Stores up to 255 programs with 30,000 points per program
- Purge switch on front panel
- Requires 80 PSI air & 110V power supply
- 2 phase pulse motor drive system

