



System Description

Flexibility and Performance

Synergy is simple to use and offers outstanding performance. It is very easy to customize to your unique needs for control of oil, anti-freeze (Glycol) and more. With Synergy, you will have full control of all liquid consumption for vehicle service and industrial applications.

Intelligent Modules with Easy Integration

The system uses intelligent modules, which offer a variety of adaptations in the software. Synergy can be installed in both existing and new facilities and with optional integration in financial DMS applications. Synergy systems are compatible with ADP applications. Other Dealer Management Systems (DMS) interfaces may be developed, talk with your Regional Manager. The system provides precise metering and dispensing of fluids. Multilingual, English, Spanish, and French.

Remote Access

The remote keypads are designed to be located in strategic places allowing remote entry of PIN ID, job or work order number, and amount of fluid to be dispensed at any given location. A Minimum of 1 keypad is required to operate a system, but there is no limit for the total number of keypads in the system. Any dispense can be initiated from any keypad.

System Control

The Multi-Point Dispense Module (MPDM) controls the amount of fluid ordered from any keypad or PC in the entire system. One module controls up to 4 outlets and offers a keyed manual override. Every outlet port can be given unique functions:

Industrial Batch Features

Synergy is the solution for increasing productivity and improving quality. Offering a number of batch dispensing solutions: it's easy to design a system to meet specific demands. Up to 16 volumes can be pre-programmed or program for 4 quick dispense volumes with or without a PC.

- Pin code
- Volume
- Time-out
- Job number
- Group access
- Pulse per unit
- Display information
- Minimum/maximum volume

SYNERGY installation must be performed by a Balcrank Synergy Certified Distributor. Contact your Balcrank representative for additional information.

Fluid Inventory Control - Synergy

Synergy Module Configurations are Unlimited

- ❑ 3110-017 Multi-Point Dispense Module
- ❑ 3110-016 Standard Key Pad
- ❑ 3110-019 PC Interface Module
- ❑ 3110-020 Tank Control Module
- ❑ 3110-021 Tank Surveillance Module
- ❑ 3110-068 LED Display
- ❑ 3110-018 Printer Module
- ❑ 3120-073 Meter Solenoid Valve Kit for Oil
- ❑ 3120-074 Meter Solenoid Valve Kit for Grease
- ❑ 3120-075 Meter Solenoid Valve Kit for Diesel
- ❑ 3120-076 Meter Solenoid Valve Kit for Anti-freeze
- ❑ 3120-077 Meter Solenoid Valve Kit for WW Fluid
- ❑ 3120-078 Meter Solenoid Valve Kit for DEF
- ❑ 3120-072 Professional Software

Description:

The Balcrank Synergy Fluid Management System will assist facilities in precision metering, dispensing fluid from bulk tanks, hose reels, and mobile units, and the management of fluids.

- Synergy systems shall control up to 255 outlets
- Synergy systems shall manage an unlimited number of fluids, keypads, and job number validations
- Synergy systems shall manage simultaneous dispense locations: dispensing anywhere from keypads and PC clients
- Synergy systems shall have real-time flexible tank monitoring and integration
- Synergy systems shall control a variety of fluids including detergents, cleaning fluids, synthetic oils, mineral-based oil and grease, anti-freeze, windshield washer fluid, diesel, and diesel exhaust fluid (DEF).
- Synergy systems shall integrate with select Dealer Management Systems* (DMS)
- Synergy systems shall provide basic PC interface software and offer professional software
- Synergy systems shall have three database options; a limited option, an intermediate option and an advanced option
- Synergy systems shall have flexible features allowing for expansion of fluids, users, dispense points, technician monitoring, and networking.
- Synergy systems must be 100% wired for data security and communication reliability.

*Contact Balcrank for Dealer Management Systems