

Balcrank

The Products you want from a Company you Trust

fusion
Wireless...



Fluid Dispensing Systems

for the Industrial, Commercial & Automotive Industry

For over 100 years Balcrank has designed and manufactured Quality Lubrication Equipment for the Automotive, Commercial, and Industrial Marketplace.

The tradition continues with ... fusion Wireless Fluid Inventory Control and Management Systems. fusion will track every drop of fluid in your facility, from the bulk tanks, hose reels to mobile equipment. No dispenses will be delivered without authorization

fusion ... helps increase your shops profitability

- Create paper ticket after every completed work order - No lost billings
- Unlimited work order stacking allows mechanic to select pre-loaded work orders - turn vehicles faster per day
- Multi-department communication and control - increase work order billing and maximize technician productivity
- Create work order history & reports by ... Product, Vehicle, Customer, WO or Technician

fusion ... will secure your fluid inventory

- Manage up to 16 fluids and 99 simultaneous dispense locations - All dispenses are recorded
- fusion can match your process: pre-authorized work order or technician dispense - Both manage and record all dispenses
- Assign special work order number for dedicated oil change bays allowing monitored after-hours fluid dispensing
- fusion can manage tank levels; level is reported after each dispense - Manager can add fluid level and verify bulk deliveries

fusion ... is easy to install and simple to operate

- Mount up to 36 wireless zone keypads directly in the bays - maximizes technician productivity
- Attach dispense handle to the hose; plug the keypads into a standard 120 VAC outlet. - Your ready to operate! It's that easy!
- Totally wireless communication directly between keypads and dispense valves - Easily fits into any facility OLD or NEW
- Multi channel operation seeks open frequency - eliminates interference from outside source at each installation location
- Uses AA batteries that can last up to 2-years

fusion (CCS) contains everything needed to control and manage all your fluid inventory

- Wirelessly controls and manages up to 8 fluids and 48 dispense locations
- Easy/fast entry of authorized PIN codes and job information on a Wireless Dispense Keypad
- Easy dispense and fast completion of work order
- Built in ticket printer produces a detailed written record for each work order dispensed
- Allows for future expansion of fluids and/or dispense locations
- Wireless fusion control handles are the building blocks of both the fusion CCS & DCS systems
(Order 1/2" NPT extensions separately see last page for models)



fusion (DCS) expands the system capabilities with a Master Keypad

- Increase system capacity to 16 fluids and 250 dispense locations
- Add fluid and/or dispense capacity at any time
- Generate reports by product, by vehicle, by customer, by work order, or by technician
- Monitor inventory levels from your PC
- Two separate security levels
- Supervisor - for system management
- Operator - for dispense operations



fusion (CCS) SYSTEM SPECIFICATIONS

fusion Central

Wireless Keypad - 3110-012	1
Wireless Metered Control Handles	1 – 48
Number of Fluids	1 – 8
Serial Printer Port	1
User IDs	1 – 50

fusion (DCS) SYSTEM SPECIFICATIONS

fusion DCS, Distributed Control System

Wireless Master Keypad - 3110-013	1
Dispense Keypad - 3110-014	1 – 36
Wireless Metered Control Handles	1 – 250
Number of Fluids	} – 16
Serial Printer Port	1

fusion (CCS) SYSTEM ACCESSORIES:

Remote Antenna, 17' - 3120-055	Allows for remote mounting of the antenna
Remote Antenna, 30' - 3120-056	
Antenna Splitter - 3120-057	Allows both the included antenna and a remote antenna to be connected to a single key pad

Extensions Available

Flex, AutoLock tip	3332-060
Rigid, AutoLock tip	3332-069
Rigid, High Flow Semi-automatic tip	3332-083
Flex, High Flow Semi-automatic tip	3332

fusion WIRELESS CONTROL HANDLE SPECIFICATIONS

Minimum and Maximum Flow	5 – 10 GPM
Maximum Operating Pressure	1000 PSI
Meter Accuracy	+/- 0.5%
LCD Display	5 char; 10mm H x 5mm W
Unit of Measurement	Quarts, Liters, Pints, and Gallons
Inlet/Outlet Connection	½ NPT (order lances separately)

fusion CONSOLE / KEYPAD SPECIFICATIONS

Supervisor Accounts	1
Supervisory Authority	Initialization, Configuration, Communication, & Reporting
User IDs	1 – 250
Operator Authority	Dispense Orders
Tanks Calibration	Quarts, Liters, Pints, and Gallons
CPU	TI MSP430 8-bit
Communications – USA	2-way 902-928MHz Frequency hopping spread spectrum*
Power requiremen	120 VAC, 60 Hz
Operating Temperature range	14 °F to 140 °F (-10 °C to 60°C) (Indoor usage only)

fusion control handles are compatible with diesel fuel and may be sold and used for diesel dispensing.

**fusion systems may not work with cordless phones, or other electronic devices within the same frequency range.