

fusion

Wireless...



Fluid Inventory Control and Management Systems



Balcrank

Fluid Dispensing Systems & Accessories

Contact your local Balcrank representative for specific site survey and detailed equipment and materials listing.

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 preloaded 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: preauthorized 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 and added Zone Keypad to increase fluids and dispense locations

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, by technician

Monitor inventory levels from your PC

Two separate security levels
Supervisor - for system management
Operator - for dispense operations



fusion DCS grows with you

Purchase only the features you need and add capacity and capabilities at your own pace as your business grows!

fusion System Specifications:

fusion (CCS)

Wireless Dispense 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)

Wireless Master Keypad - 3110-013	1
Wireless Zone Keypad - 3110-014	1 – 36
Wireless Metered Control Handles	1 – 250
Number of Fluids	1 – 16
Serial Printer Port	1
ADP / R&R Interface Program	Optional
User IDs	1 – 250

fusion, Keypad

Supervisor Accounts	1
Supervisory Authority	Initialization, Configuration, Communication, & Reporting
Operator Authority	Dispense Orders
Tank Unit of measure	Qts, Lts, Pts, and Gals
CPU	TI MSP430 8-bit
Communications – USA	2-way 902-928MHz Frequency hopping spread spectrum
Power requirements	120 VAC, 60 Hz
Operating Temperature range	14 deg F to 140 deg F

fusion, Wireless Control Handle

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	Qts, Lts, Pts, and Gals
Batteries	4 standard "AA"
Petroleum based fluids	3331-018
Special fluids: antifreeze, brake fluid, w/w fluid	3331-019
Inlet/Outlet Connections	½ NPT

fusion 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	3332-084