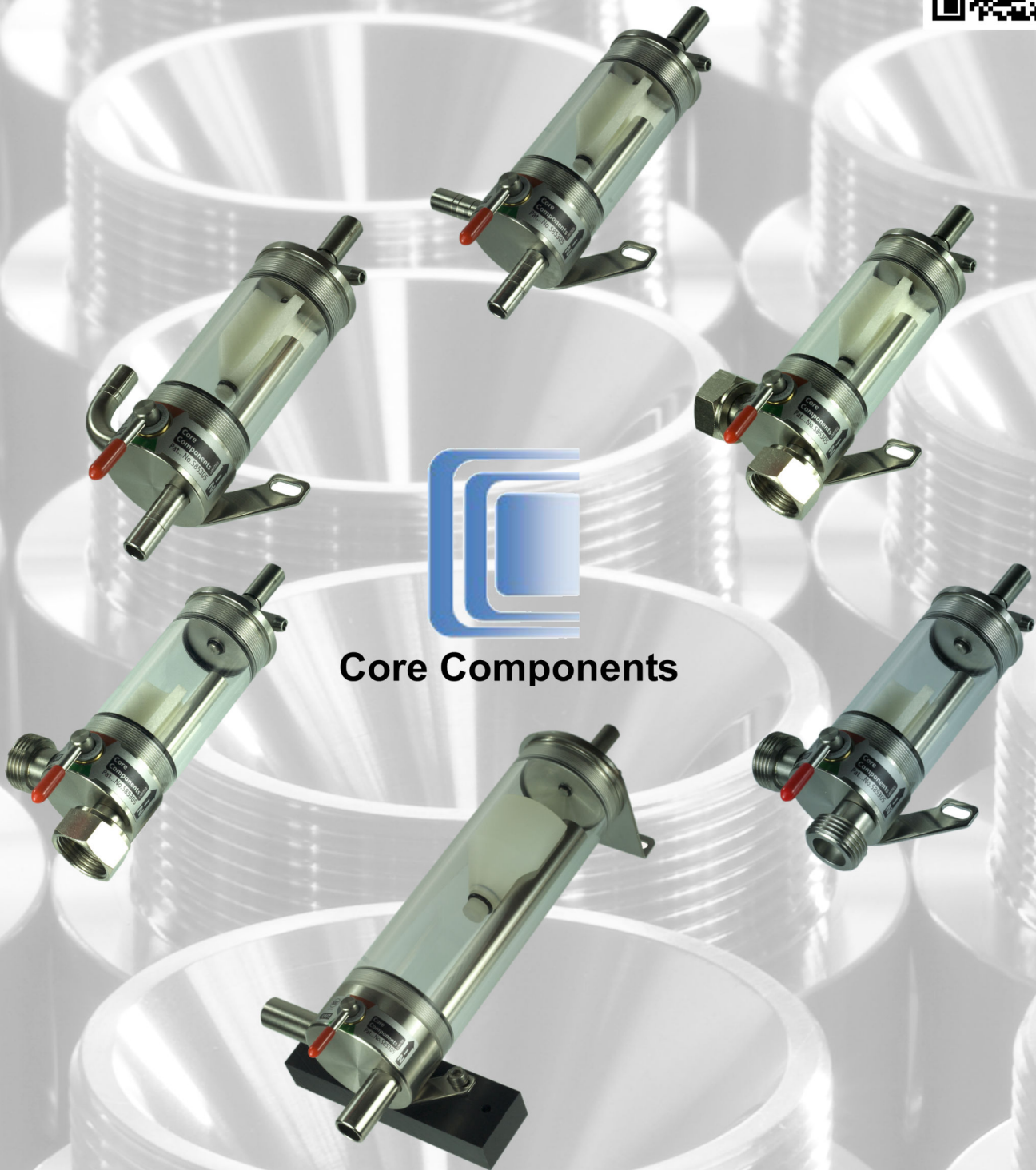


Product Guide



Core Components

**When it comes to FOB Technology Nothing
Surpasses Core FOBs**

**We offer the Best FOB Detector solution
For your Draft Beer Dispense System**

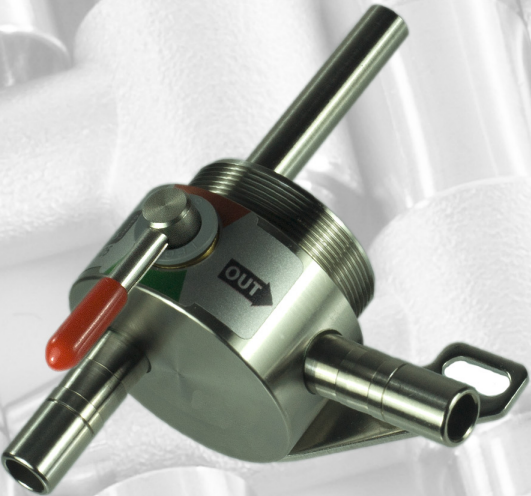
The Core FOB

- With over 15 years' experience in the technical support of dispensing equipment in the brewing industry, and a highly qualified engineering team, Core Components is a manufacturing company focused on providing quality equipment to our customers. Core Components is also a solution provider for its customers.
- FOB Detectors will increase your profit by lowering your beer waste. A FOB Detector will immediately shut down the beer flow when a keg empties. This eliminates foam and wasted beer after a keg has blown because the beer lines stay full of beer at all times. Core Components, leaders in FOB design.
- A **F**oam **O**n **B**eer Detector helps to eliminate waste in a long draw beer system. A normal beer flow supports the float at the top of the chamber. Interruption of beer flow allows the float to drop sealing the line so that the line will not fill with foam. Minimising wasted beer and saving on keg change time.
- There is no need to purge a beer line that is protected with a FOB Detector when tapping a new keg. A FOB Detector will pay for itself in approximately 6 to 12 kegs by eliminating the foam that sends your profits down the drain.
- Core Components is proud to announce that our FEX Series FOB Detectors is certified by NSF International, a leading global independent public health and safety organization. As a leader in food safety and quality, NSF offers independent, science-based third-party certifications that show a company's adherence to a benchmarked set of quality standards. To receive certification, our FEX Series FOB Detectors passed a stringent review and evaluation. To demonstrate a continued commitment to food safety and the quality of its brand, Core Components has also agreed to annual unannounced manufacturing facility audits to verify ongoing conformance to the standard. We are also certified to bear the CE mark and have gained SK Certification.
- When it comes to Fob Technology nothing surpasses Core Components. We offer the best Fob Detector solution for your Draft Beer System, thus bridging the gap between your highest demands and the best prices.

FEX02



FEX02 Standard



Right Hand



120mm XL Sight Glass

	FEX02	FEX02,sen	FEX02XL	FEX02XL,sen	Custom
80mm S/Glass	✓	✓			
3/8 inlet tube	✓	✓			
120mm S/Glass			✓	✓	
3/8 inlet tube XL			✓	✓	
3/8 outlet tube	✓	✓	✓	✓	
Right Hand Base	✓	✓	✓	✓	
Left Hand Base	✓	✓	✓	✓	
Sensor		✓		✓	
Wall Mount	✓	✓	✓	✓	



Sensor

FEX05



FEX05 Standard



Right Hand



120mm XL Sight Glass

	FEX05	FEX05,sen	FEX05XL	FEX05XL,sen	Custom
80mm S/Glass	✓	✓			
5/8 Hex Nut Inlet	✓	✓			
120mm S/Glass			✓	✓	
5/8 Hex Nut Inlet XL			✓	✓	
5/8 Outlet Hex Nut	✓	✓	✓	✓	
Right Hand Base	✓	✓	✓	✓	
Left Hand Base	✓	✓	✓	✓	
Sensor		✓		✓	
Wall Mount	✓	✓	✓	✓	



Sensor

FEX06



FEX06 Standard



Right Hand



120mm XL Sight Glass

	FEX06	FEX06,sen	FEX06XL	FEX06XL,sen	Custom
80mm S/Glass	✓	✓			
1/2 Hex Nut Inlet	✓	✓			
120mm S/Glass			✓	✓	
1/2 Hex Nut Inlet XL			✓	✓	
1/2 Outlet Hex Nut	✓	✓	✓	✓	
Right Hand Base	✓	✓	✓	✓	
Left Hand Base	✓	✓	✓	✓	
Sensor		✓		✓	
Wall Mount	✓	✓	✓	✓	



Sensor

FEX07



FEX07 Standard

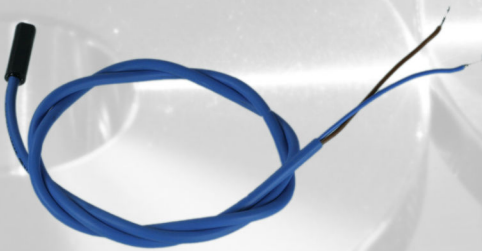


Right Hand



120mm XL Sight Glass

	FEX07	FEX07,sen	FEX07XL	FEX07XL,sen	Custom
80mm S/Glass	✓	✓			
1/2 inlet Hex Nut	✓	✓			
120mm S/Glass			✓	✓	
1/2 inlet Hex Nut XL			✓	✓	
1/2 Thread Outlet	✓	✓	✓	✓	
Right Hand Base	✓	✓	✓	✓	
Left Hand Base	✓	✓	✓	✓	
Sensor		✓		✓	
Wall Mount					

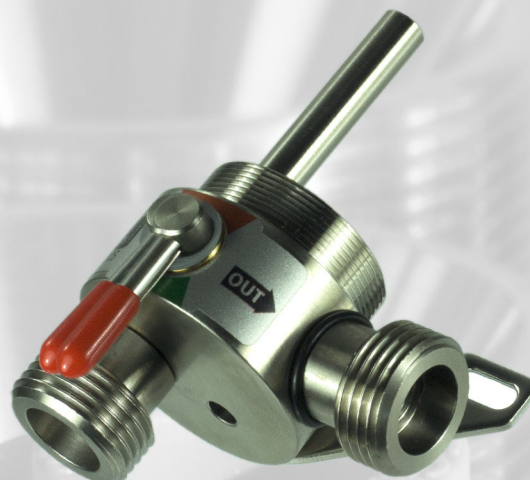


Sensor

FEX08



FEX08 Standard



Right Hand



120mm XL Sight Glass



Sensor

	FEX08	FEX08,sen	FEX08XL	FEX08XL,sen	Custom
80mm S/Glass	✓	✓			
5/8 Inlet tube	✓	✓			
120mm S/Glass			✓	✓	
5/8 Inlet tube XL			✓	✓	
5/8 Outlet tube	✓	✓	✓	✓	
Right Hand Base	✓	✓	✓	✓	
Left Hand Base	✓	✓	✓	✓	
Sensor		✓		✓	
Wall Mount	✓	✓	✓	✓	

FEX09



FEX09 Standard



Right Hand



120mm XL Sight Glass

	FEX09	FEX09,sen	FEX09XL	FEX09XL,sen	Custom
80mm S/Glass	✓	✓			
5/8 inlet Hex Nut	✓	✓			
120mm S/Glass			✓	✓	
5/8 inlet Hex Nut			✓	✓	
5/8 Thread Outlet	✓	✓	✓	✓	
Right Hand Base	✓	✓	✓	✓	
Left Hand Base	✓	✓	✓	✓	
Sensor		✓		✓	
Wall Mount					

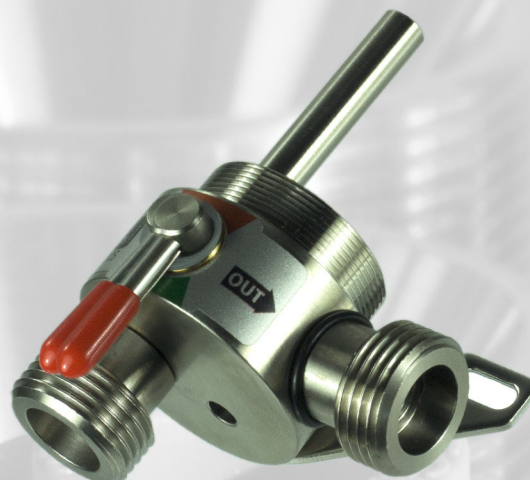


Sensor

FEX10



FEX10 Standard



Right Hand



120mm XL Sight Glass

	FEX10	FEX10,sen	FEX10XL	FEX10XL,sen	Custom
80mm S/Glass	✓	✓			
1/2 Thread Inlet	✓	✓			
120mm S/Glass			✓	✓	
1/2 Thread Inlet XL			✓	✓	
1/2 Thread Outlet	✓	✓	✓	✓	
Right Hand Base	✓	✓	✓	✓	
Left Hand Base	✓	✓	✓	✓	
Sensor		✓		✓	
Wall Mount	✓	✓	✓	✓	



Sensor

A stainless steel industrial water tap with a red handle and a black nozzle, set against a background of stacked white pipes.

FEX15,58 Standard

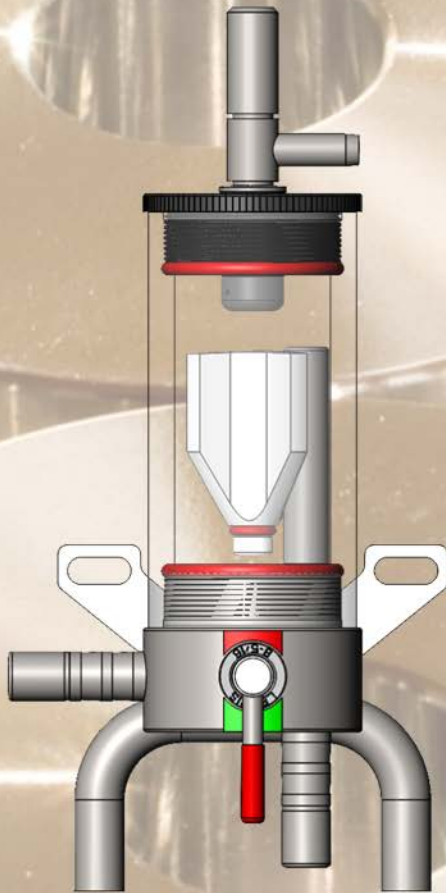
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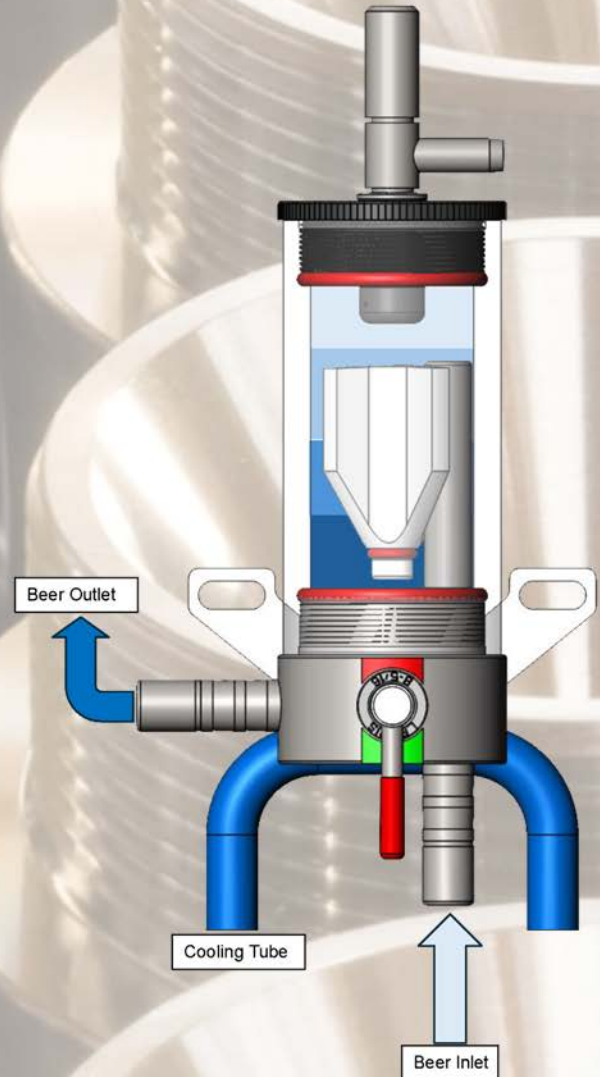
FEX02 CoolCore

The FEX02 CoolCore FOB Detector has been designed to give extra cooling to the beer.

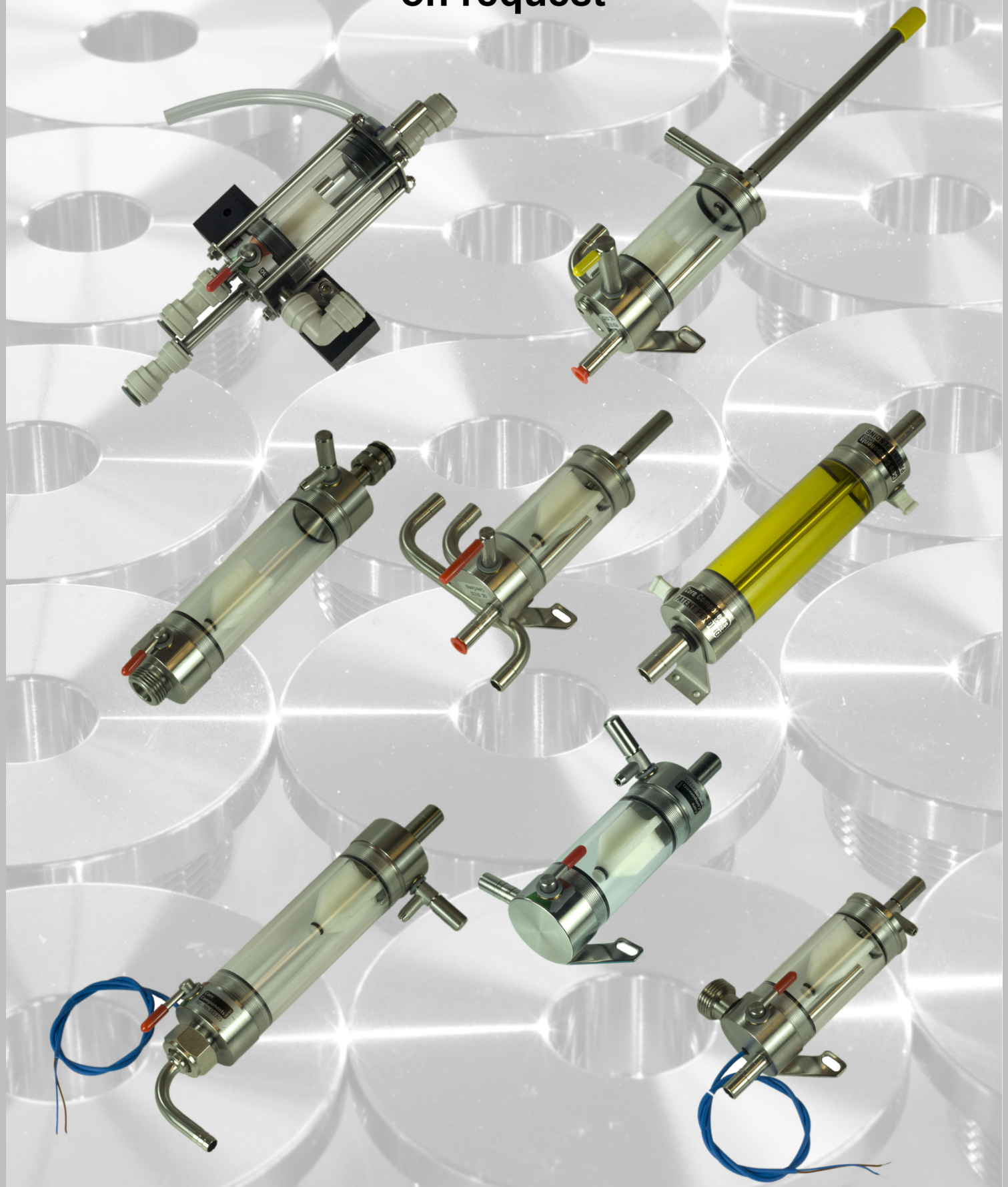
Glycol coolant is directed through the stainless steel base resulting in a superior chilled beer.



FEX02 CoolCore



Customer Specials on request



Spare's

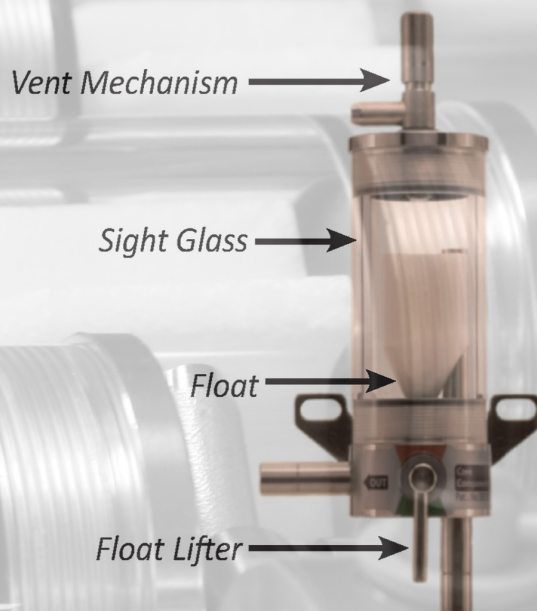


Product	Description	Product	Description
FEX901	Vent	FEX908	Sightglass Seal X 2
FEX902	Float	FEX909	Vent Seal
FEX902m	Magnetic Float	FEX910	Float Seal
FEX902XL	XL Float	FEX911	1/2" to 5/8" Connector
FEX903,80	80mm Sightglass	FEX913	Seal Kit
FEX903,120	120mm Sightglass	FEX914	Stainless Steel Top & Collet
FEX903,160	160mm Sightglass	FEX915	Delrin Top & Collet
FEX903XL,170	XL170mm Sightglass	FEX917	Stainless Steel Service Kit
FEX904	Lifter	FEX918	Delrin Service Kit
FEX905,500	500mm Sensor	FEX919	M6 Button Hex Screw
FEX905,3000	3000mm Sensor	FEX920	Sensor Holding Arm

CORE FOB INSTALLATION LIST

- Use competent installer.
- Use appropriate connections & tubes.
- Use recommended fixing screw.
- Do not exceed Maximum Beer line pressure.
- Use recommended Beer line cleaner.
- Do not use alcohol based cleaner on Sight glass

CORE FOB OPERATING User Guide



- (1) When the keg is empty disconnect the keg coupler and connect it to a full keg.
***Make sure that the Tap/Faucet is closed and that no dirt or grit can enter the beer line.**
- (2) Push **Vent Mechanism** down on top of CORE FOB until **Sight Glass** is full of beer and no bubbles appear in the **Sight Glass** or in the **Product Lines**. **Only Use Recommended Soft PVC Tube on Vent Exit (6x9).**
- (3) Rotate **Float Lifter** on the CORE FOB base into **RED** (By Pass) area to lift the float and then rotate back into the **Green** area.
 - Taking these steps **Out of Order** will result in **Foamy Beer!**
 - Always close **Tap/Faucet** before connecting to new **Keg**.
 - When inserting **Float Lifter** ensure **Lever** is facing **down**.

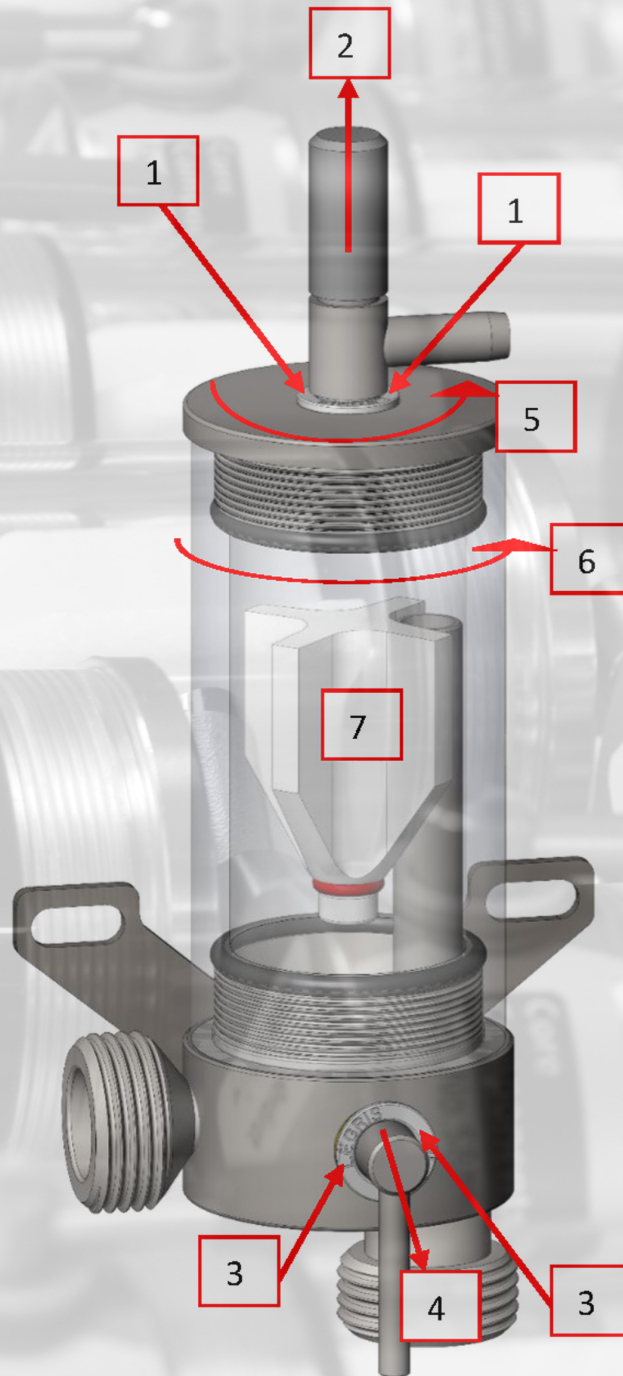
Procedure For Beer Line Cleaning



During periodic **cleaning of beer lines** rotate **Float Lifter** into the **RED** area for **By Pass**. Hold the **Vent Mechanism** down to allow the cleaning solution to flow through the **Vent Mechanism** and the **Drain Line**. Rinse the vent with clean water after washing. Upon completion of line cleaning ensure FOB has been filled with the fresh beer with no bubbles appearing in the **Sight Glass** or **Product Lines**. Rotate **Float Lifter** on FOB to **GREEN** to allow beer dispense. Clean exterior with warm water and damp cloth.

CORE FOB

Cleaning Guide



1. Push & Hold Connector
2. Pull Out Vent
3. Push & Hold Connector
4. Pull Out Lifter
5. Loosen & Unscrew Top from Sight Glass
6. Loosen & Unscrew Sight Glass from Base
7. Remove Float

- Clean & Brush all parts with appropriate tools (like bottle brushes etc.).
- Only use recommended cleaning chemicals.
- Do not use alcoholic spray-on liquids.

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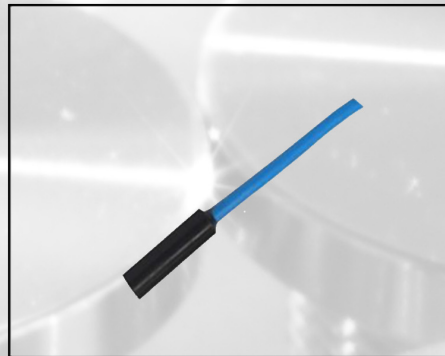
Manufacturers for the Dispensing Industry



Core Sensor Option	FEX905	For use only with Core FOBs
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Action diagram

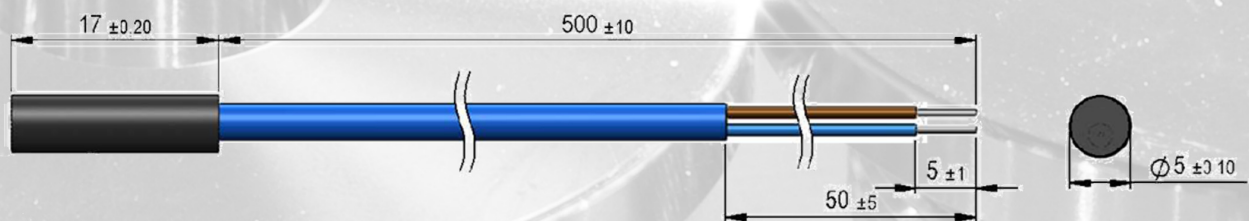
Schematic diagram	Contact form
	Normally open type(NO)

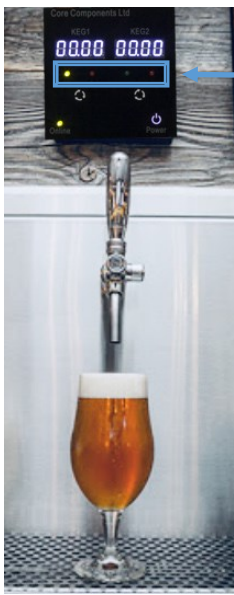


Specification table

Contact form	Normally open
Contact rated power	10W
Max. switching voltage	DC100V
Min. breakdown voltage	DC200
Max. switching current	0.5A
Max. load current	1A
Max. contact impedance	0.2Ω
Sensitivity	07-10AT
Protection grade	IP65
Impact resistance	50G-6ms
Resistance to vibration	10~1000Hz
Operating temperature range	-20°C ~ +80°C
Lifetime (5vdc-1ma, impedance load)	1X10 ⁸

Dimensions (mm, tolerance: + / - 0.3mm)






Green light Indicates Keg in use

Red light Indicates Keg empty

No lights Indicates Keg in Standby

1. Begin dispensing beer
2. When beer keg is empty, FOB 1 will close and send signal to actuator valve to open keg 2 (there will be only a four second delay in flow of beer when kegs are changing over)
3. Ensure the beer tap is put back to the **off position** while the actuator is changing kegs otherwise foam will enter beer line.
4. **Red** light on display unit will indicate keg 1 is empty and **green** light will indicate that keg 2 is in use and beer is used it will register on display unit.
5. Two **Red** LED lights on each keg indicates both kegs are empty
6. Digital Display Unit will indicate usage of beer from kegs; therefore, bar person will be aware when keg is near to changeover.
7. Keg 1 can be replaced with full keg anytime during the time keg 2 is in use, or both kegs can be replaced together when second keg is empty.
8. To shut down the display unit hold finger on power button for 3 seconds and actuator will move valve to neutral position so not been will flow from tap. (when digital unit is switched on again, it's built in memory will revert it back to its previous position and take up where it left off in beer usage from keg.
9. To reset the flow value to zero on the chosen keg,  hold button down for 3 seconds on digital display.



- Use competent installer.
- Use appropriate connections & tubes.
- Do not exceed maximum Beer line pressure.
- Do not use alcoholic cleaner on Sight glass.

Supplier

REV. 1

Quick Set-up

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Core Keg Changeover



Remove Equipment
Carefully From Box



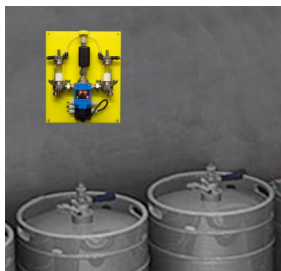
Communication Cable Not
Supplied

4 Core CY Control Cable

0.4 or 0.5mm² Recommended up
to 200meters (600')

1

Be careful and Remove
Red Plug from Fob

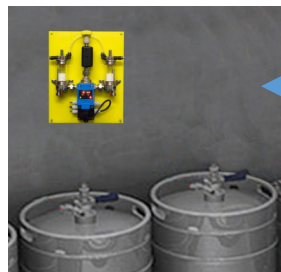
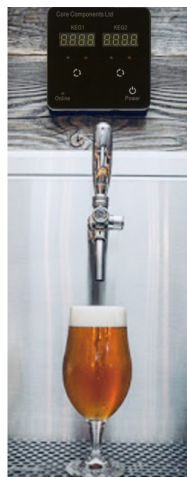


2

Mount Keg Changeover in
Cold room in a safe and
clean position.

3

Mount Digital touch screen
display in bar easily visible to
bar person



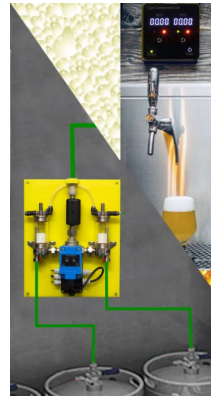
4

Connect Keg changeover unit in cold
room with digital screen display in Bar.
4 core CY control cable 0.4 or 0.5mm²
Recommended up to 200 meters (600')



5

Connect Keg changeover unit to Bar
Tap and 2 Kegs of the same beer



6

Push Vent Mechanisms down
until Sight Glass's are full of Beer.

Only use recommended tube on Vent
exit (PU6x4 clear tubing).

7

Rotate Float Lifter into **Red** area
to lift float and rotate back into
Green to run Position



8

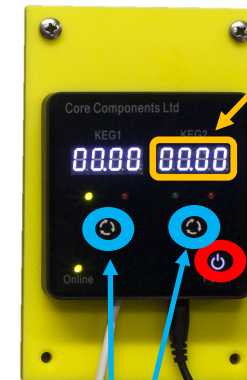
Press and hold for 3 Sec
to select Actuator Valve
to open Keg 1 to start .

9

Keg 2 is on standby

10

Press and hold for 3 Sec to reset Digital
display when needed



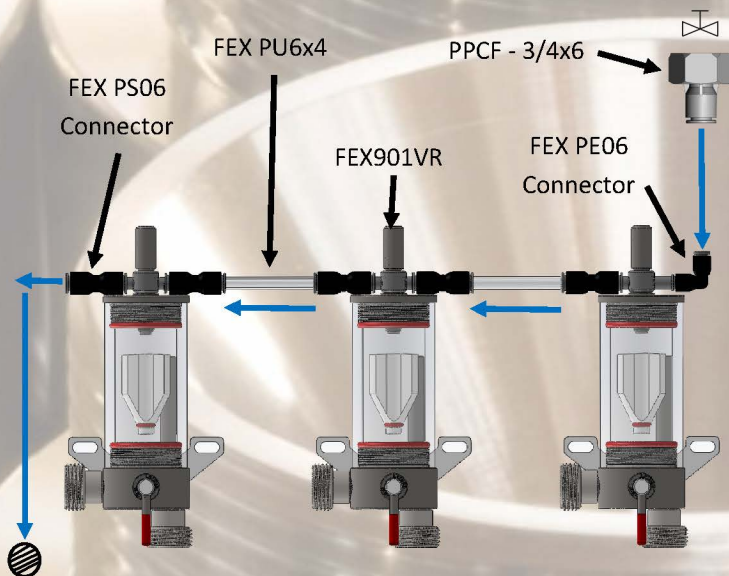
Accurate display of Litres/Fluid
ounces consumed .

Press and hold for 3
Sec to Turn display on
and off .

Digital touch screen display in
bar to indicate accurate usage
of beer from our inline Ultra-
Sonic Flow Meter



CORE VENT & RINSE SYSTEM



FEX PS06	6mm Straight Push Fitting	10, 50 or 150 pack
FEX PE06	6mm Elbow Push Fitting	10, 50 or 150 pack
FEX PU6x4	6 x 4mm PU Tubing	1, 50 or 200m length
PPCF—3/4x6	3/4" Thread to 6mm Push Fitting	Pack of 10

**Core Components—First choice for
Fob Detectors!**



CORE VENT & RINSE SYSTEM

*A unique vent and rinse system
to clean out vented foam in between
routine line cleaning.
Prevents back contamination*

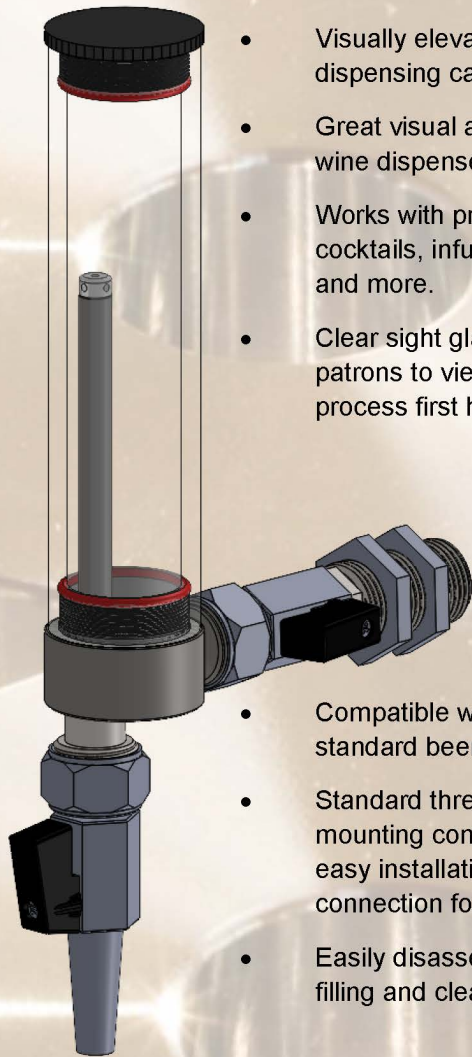
- Self-sealing Vent Mechanism.
- Easy connection to Water Mains.
- Push-Fit Connectors for quick and easy installations.
- Several vents can be connected in-line or on panels
- Push-Fit Connectors come in packs of 10, 50 & 150.
- PU tubing comes in 1m, 50m or a coil of 200m.
- 50-58% less bacteria buildup than standard ID6mm/6.35/1/4" Tubing.

In traditional beer dispensing systems, vented beer/gas will sit in the line until the next periodical cleaning cycle, typically 14 - 25 days. In this time/period bacteria can grow and build up.

This can be prevented with the Core Vent & Rinse System, by simply flushing the vent/bleed lines with clean water. This can be done after every keg change, daily or with a programmable timer automatically.

CORE INFUSION DISPENSER

A unique apparatus used for infusing cocktails, a variety of flavoured water, or most other beverages.



- Visually elevate your dispensing capabilities.
- Great visual aid for draft wine dispense.
- Works with pre-batched cocktails, infused water, and more.
- Clear sight glass allows patrons to view infusion process first hand.
- Compatible with all standard beer towers.
- Standard threaded mounting connection for easy installation. Collet connection for product inlet.
- Easily disassembled for filling and cleaning.

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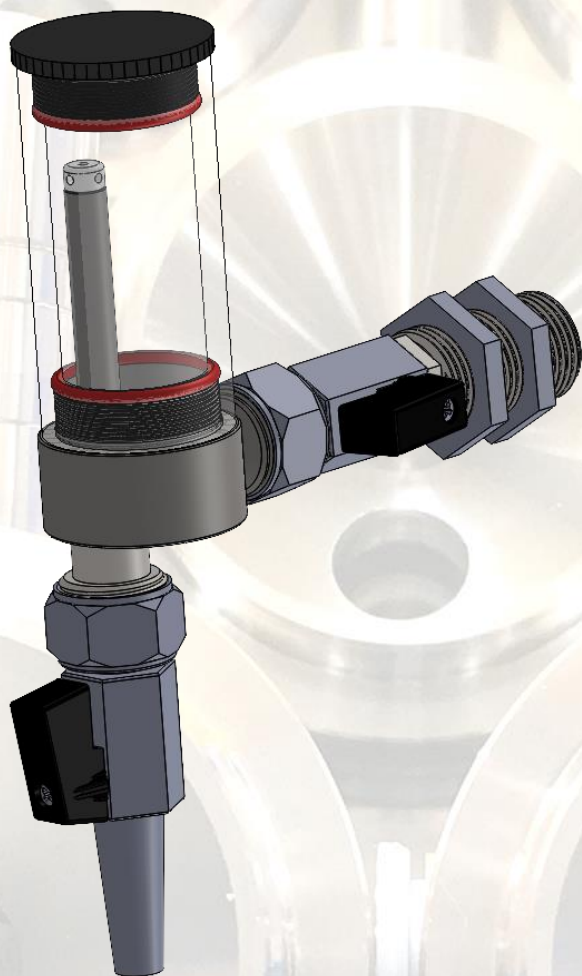
www.corecomponents.ie



Core Infusion Dispenser Models Available:

- CI 80
- CI 120
- CI 160
- CI +

Core Infusion 80

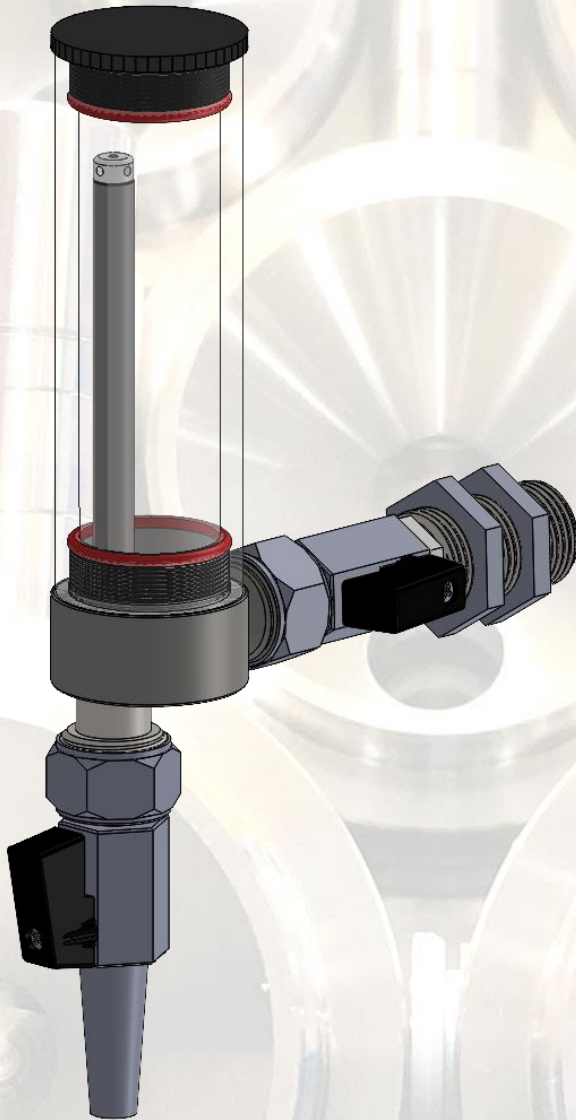


Features:

- Compatibility with most draft dispense systems.
- Standard G5/8" threaded mounting connection for easy installation. Collet connection for product inlet.
- Product inlet constructed with Stainless Steel Ball Valve, swivel nut and EPDM seal.
- Product outlet constructed with Stainless Steel spout, swivel nut and EPDM seal.
- Easy to disassemble for filling and cleaning.
- Sight Glass chamber volume: 42cm³ / 40ml.



Core Infusion 120



Features:

- Compatibility with most draft dispense systems.
- Standard G5/8" threaded mounting connection for easy installation. Collet connection for product inlet.
- Product inlet constructed with Stainless Steel Ball Valve, swivel nut and EPDM seal.
- Product outlet constructed with Stainless Steel spout, swivel nut and EPDM seal.
- Easy to disassemble for filling and cleaning.
- Sight Glass chamber volume: 71cm³ / 70ml.

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Core Infusion 160



Features:

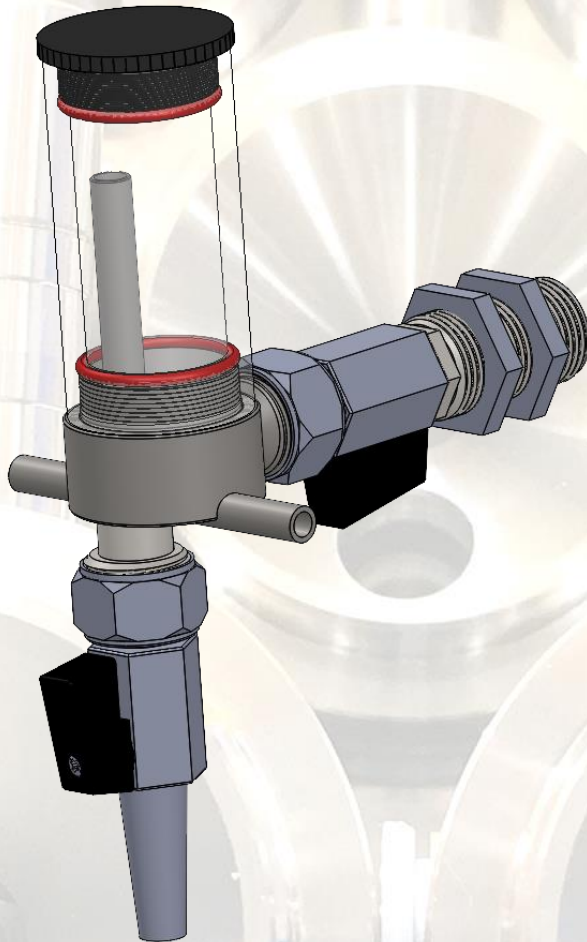
- Compatibility with most draft dispense systems.
- Standard G5/8" threaded mounting connection for easy installation. Collet connection for product inlet.
- Product inlet constructed with Stainless Steel Ball Valve, swivel nut and EPDM seal.
- Product outlet constructed with Stainless Steel spout, swivel nut and EPDM seal.
- Easy to disassemble for filling and cleaning.
- Sight Glass chamber volume: 100cm³ / 100ml.

Core Components Ltd

Manufacturers for the Dispensing Industry



Core +



Features:

- Compatibility with most draft dispense systems.
- Standard G5/8" threaded mounting connection for easy installation. Collet connection for product inlet.
- Product inlet constructed with Stainless Steel Ball Valve, swivel nut and EPDM seal.
- Product outlet constructed with Stainless Steel spout, swivel nut and EPDM seal.
- Cooling Tube made from Stainless Steel.
- Easy to disassemble for filling and cleaning.
- Sight Glass chamber volume: 42cm³ / 40ml.

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Manufacturers for the Dispensing Industry

