

InnClean

- A unique device and service developed by Innserve and MSL for the preservation of beer line quality.
- Save money while maintaining quality.
- Unique pulse system and polarisation effect prevents build up of Bio film and provides up to 90% kill rate.
- Signal strength maintained from container to tap.
- Clamp on design has direct effect on all python lines.
- Available with Innserve cleaning program.



Prevents Scale, Bio film and Bacteriological growth by three methods:

1. Continuous EM field generates ion clusters throughout the beer line system (unlike other magnet based systems) causing clustering of charged particles and preventing attachment to beer lines.
2. Induced high frequency current (in this case in beer), Bio film is reduced and in some cases prevented completely by the "skin effect" – whereby the current density near the surface of the conductor is far greater than at its core. This prevents bio film growth.
3. As bacteria pass through the ferrite ring they receive a charge, which causes hydration and the cells effectively destroy themselves through reverse osmosis.

Extension of Line Cleaning

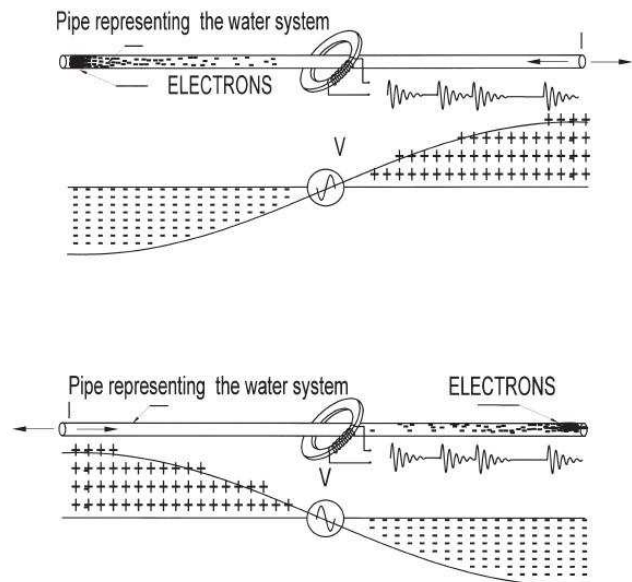
InnClean has been on trial in some accounts since 2006, this trade trial data gives good evidence on the effectiveness of the device in real situations. Trade trials have shown typical extensions to line cleaning regimes as follows:

Keg lines: 4-5 Weeks , in some cases up to 7 weeks

Cask Lines: 3-4 Weeks, in some cases up to 5 weeks.

BRI study and testing.

The Brewing Research Institute (BRI) carried out extensive testing on the device at their laboratories. The results showed clearly that the current weekly cleaning regime can be extended with the use of the InnClean device active on the system.



Line Cleaning Service

The InnClean device can be supplied with Innserve's own line cleaning service and this is strongly recommended.

While in the account the trained Innserve technician will also check the full dispense system.

A typical visit will include:

- Full clean of beer lines and associated equipment to Brand Owner recommended method of time and temperature.
- Cellar check including remote cooler top up and check.
- Under Bar and bar top equipment check.
- Further staff training and advice as time allows.

InnClean

Potential Savings

The System can save over £1000 - £1500 per annum for a typical outlet.

Proactive and preventative maintenance will help to prevent breakdown risks at peak trading periods.

Dispense quality in the outlet is maintained to the highest standards.

The InnClean system also keeps the remote cooler and attached cooling system free from scale and sludge build up preventing breakdown and keeping dispense temperatures at the correct levels.

The tables below show the savings data for a typical 10 line account:

Current Cleaning costs-no InnClean system			
Cleaning time (hrs)	2	10	lines per hour
Staff Cost	£12.00		£6 per hr
Ullage cost per clean	£26.44		Beer loss
Chemical cost	£3	£0.15	Detergent
Gas cost	£2	£0.10	Gas
Total cost per clean	£43.44		per clean
Total cleaning cost per year	£2,258.75		

This is 52 Cleans & beer loss events a year that can be avoided.

Installation

Installation of the device is straight forward. The device requires a 13amp electrical socket to power the unit. However the beer lines will require a full deep clean by Innsolve at installation to ensure the system is started on pristine lines.

The device is clamped around the python above the remote cooler. There is no intrusion or cutting of beer lines to install the device.



Cleaning cost with InnClean - including the Innsolve cleaning service

Cleaning time (hrs)	2	10	5 lines per hr
Service cost	£ 116.63		14 Innsolve visits
Staff Cost	£ 0.00		
Ullage cost per clean	£26.44		Beer loss
Chemical cost	£3		Detergent
Gas cost	£2		Gas
Total cost per clean	£148.07		Per clean
Total cleaning cost per year	£2,072.98		14 Cleans
Cost Of InnClean unit	£285.00		Unit cost
Number of units	1		based on 1 per python
Capital cost	£285		
Annual Savings	£99.19		Year 1
	£185.81		Following years

AND NO MORE LINE CLEANING AS INNSOLVE DO IT FOR YOU !

Cleaning cost with InnClean – No Cleaning service

Cleaning time (hrs)	2	10	-5 lines per hr
Staff cost	£12		£6 per hr
Ullage cost per clean	£26.44		Beer loss
Chemical cost	£3		
Gas cost	£2		
Total cost per clean	£43.44		
Total cleaning cost per year	£608.13		
Cost InnClean Unit	£285		
Installation	£150		
Total Cost	£435		
Annual Saving Year 1	£1,215.59		
Following Years	£1,650.63		

For more information or to order your devices contact Innsolve:

CALL **0845 8770089**

TODAY FOR MORE INFORMATION AND ORDERING

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