

BP5 Fixed or Portable

Our next generation automated beer line cleaning system incorporates all the amazing capabilities of its predecessors as well as a host of new game-changing features.

Beer Piper replicates a traditional manual beer line cleaning sequence: flushing with water, dosing with chemicals, leaving to soak and ending with a final flush of water, while recording and reporting every step to the Beer Piper cloud-based portal.

Through the increased chemical dosing volume and high flow action, Beer Piper can greatly reduce the time taken to clean your beer lines – providing you with the opportunity to clean them even when open and trading.

Manual beer line cleaning is a necessary but arduous and time-consuming task. Beer Piper allows your staff to clean the lines by replicating the sequence of the traditional wet-wash method – but in a fraction of the time and with minimal manual intervention.

Beer Piper combines innovative technology with practical design to ensure you maximise your profits and maintain a healthy reputation for serving perfect beer, every time.



Features Include:

- 8" intuitive and user-friendly touch screen
- 4G/5G connectivity so not reliant on Wi-Fi
 - GPS location tracking
- Fully remote and controllable globally
 - Improved support – full visibility
 - High flow water pump
- Precise ceramic head chemical dosing pump
 - Advance chemical mixer unit
 - Conductivity sensor
 - Accurate flow meter
- Fast acting solenoids
- Non leak push fit fittings
 - Compact size
- Sophisticated electronic process control
 - On-board Wi-Fi stack
 - Wi-Fi encrypted data upload to cloud database @beerpiper.co.uk
 - Wireless operation
- Controllable cleans from a mobile phone or tablet
 - Date and time stamped data recording
- Unlimited cleaning programs
- Create your own bespoke programs with multiple soaks
- Each chemical inject can be set with its own individual dilution rate
 - Static or pulsed soak option
 - Timed fresh water flush
 - QR code traceability – unlimited codes/sites can be loaded
- Ethernet connectivity
- Additional USB ports

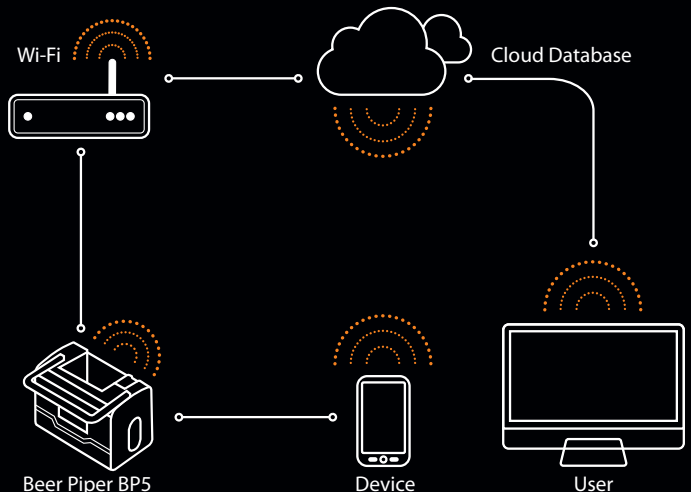
Wireless Control

Schematic diagram (right) for the control and wireless data transfer of the new Beer Piper BP5 system.

The Beer Piper BP5 system has full 4G/5G connectivity, as well as having its own on-board wireless network stack, which allows it to connect to your local public Wi-Fi.

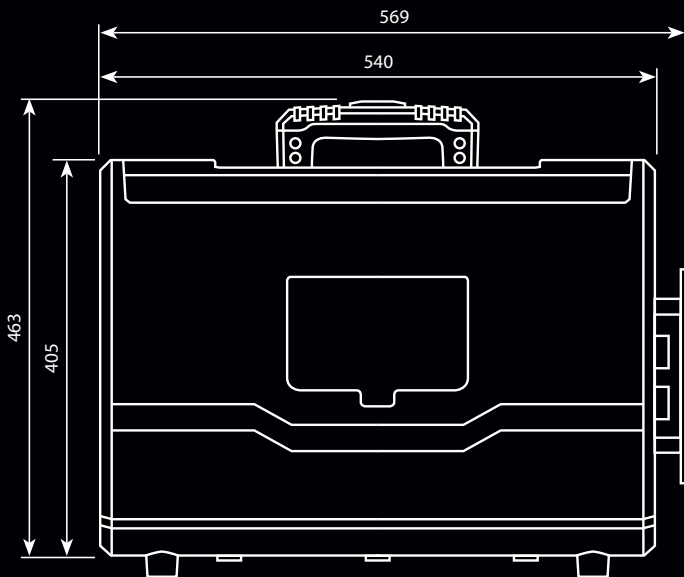
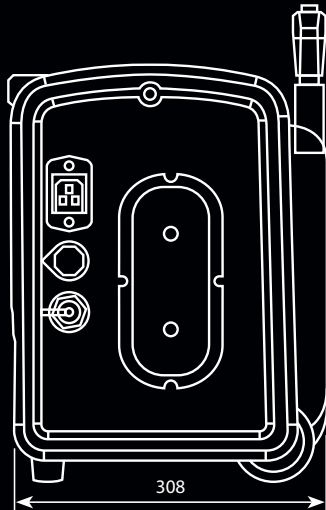
The Beer Piper BP5 can be operated manually via touch screen or by connecting through a browser to any 4G/5G or Wi-Fi enabled device by using a unique username and password.

All the system usage activity is date and time stamped, stored and uploaded immediately to our cloud database @beerpiper.co.uk for remote accessibility.



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Specifications



Dimensions

Overall width **569 mm**
Overall height **463 mm**
Overall depth **308 mm**

Weight

The weight of the system **15.8 kg**
Total Weight (with two full bottles of chemical) **27.8 kg**

Flow rate

4.5 to 12 litres per minute

Dilution Rate

0.1% up to 10%

Traceability

Full details of every clean are recorded by the machine, including site name, location, program used, start and end time of each cleaning phase, length of soak periods and the amount of water and chemical used.

Programmability

Every stage of the clean program can be modified. Intake of water and chemicals at the various stages can be set to either volume or time, the soak periods can be set to any combination of static or pulsed soak with the ability to have up to ten soak periods in a single program. The time for each soak period can be adjusted to suit. The dilution rate for each chemical inject phase is also fully adjustable and can accommodate the use of two different cleaning chemicals.

Recordability

Every unit can be pre-programmed to hold the specific details of an unlimited number of sites. By scanning the QR code on entering a site, the machine will record the site name, location and time of arrival. It will also apply the pre-determined programs specific to this site, removing the need for the technician to set up the program each time.

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