

The Moravek BC Beer Carbonator range is well proven technology for the company having been in production for over ten years, with a highly satisfied brewery customer base around the world

The Moravek BC Inline Automatic Beer Carbonator uses the gas atomise method of carbonation which offers a number of **key final product quality benefits**;

- **Smooth natural carbonated finish product taste and mouth feel** - smaller CO₂ bubbles that result from efficient gas atomise carbonation gives beer, cider or wines a smooth natural carbonated finish
- **Lower dissolved oxygen DO levels** - Product de aeration – reduction in DO (Dissolved Oxygen) content is achieved through a process of gas stripping which takes place in the carbonating chamber as part of the carbonating process. When close coupled to the Moravek range of tribloc beer fillers ultra low DO contents are achieved see NUBC DO results below;

o Northern United Brewing Co. DO Results

- o Beer type: NUBC Siren Amber Ale:
- o Original bright beer in tank DO content = 0,2 mg/L
- o Final Bottle sample DO content: = 0,08mg/L
- o This represents a DO content reduction of - 0.12mg/L across the bottling process against the typical industry norm of DO pick up of + 0.25mg/L



- **Greater head retention after pouring from KEG**
Kegged beer from the same brew batch – glass on the right with Moravek's BC gas atomise beer carbonation - glass on the left without.
Ozzbeco Brewery Nairobi Kenya, beer type: Viennese Lager
- **Consistent carbonation levels** - set temperature and carbonating pressure ensure consistent carbonation levels are maintained at all times and product cannot be over carbonated. By Boyles laws of physics; a set temperature and pressure achieves a set product saturation point which makes over carbonation impossible with the BC system.
- **Improved filler performance** – The Moravek carbonator delivers stable efficiently carbonated product to the counter pressure m+f KEG filler resulting in efficient performance.

Moravek's standard high quality and robust construction along with careful attention to process engineering detail and inbuilt automation technology provides the brewer with a number of operational benefits for kegging;