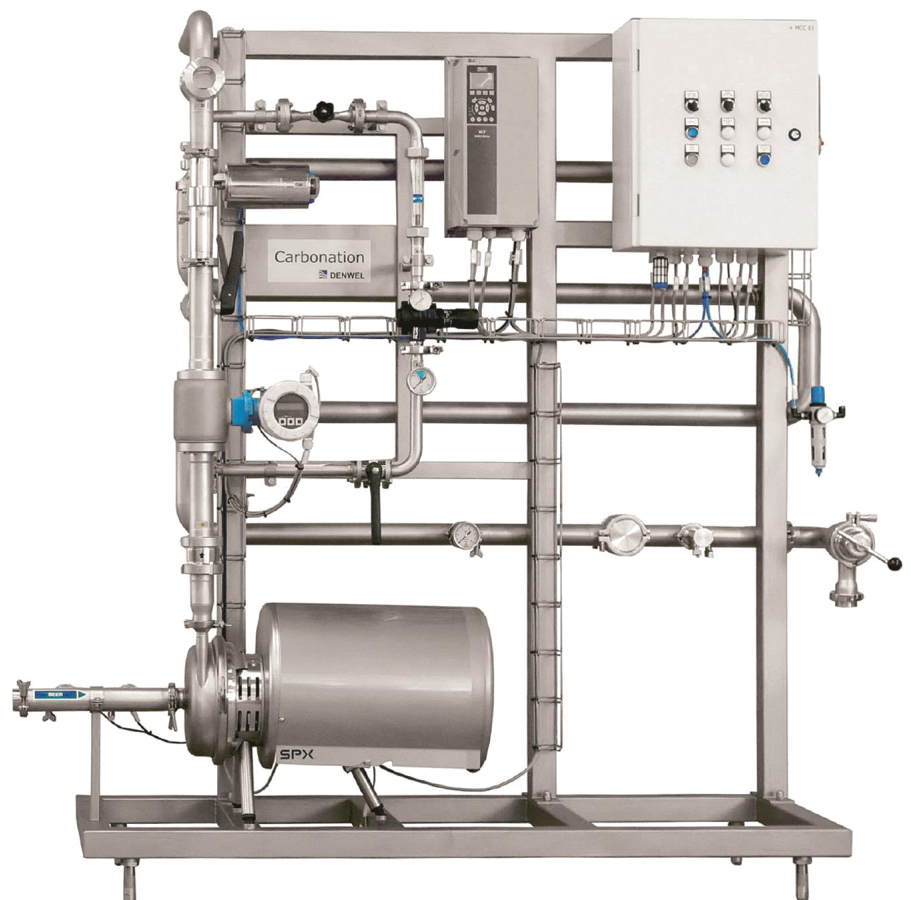


INLINE CARBONATION

Semi-Automatic Unit

- Micro bubble size
- Instant saturation
- Precise CO₂ injection
- CO₂ ratio controlled



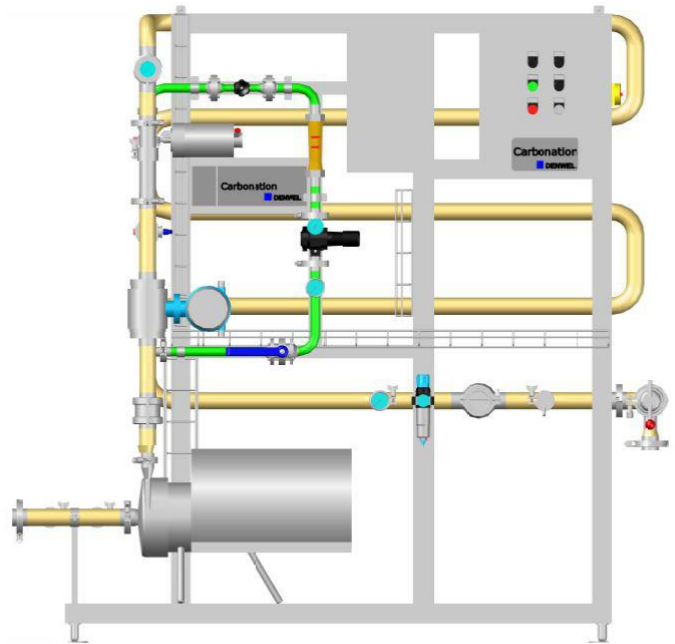
I N L I N E C A R B O N A T I O N

Principle

CO₂ is injected into the beverage through DENWEL Injector, which splits the gas into micro bubbles. Most efficient and instant dissolution of CO₂ is achieved with only a minimal pressure drop, no gas loss and a fully hygienic design. No static mixer, sinter candles are needed.

Precise CO₂ ratio controlled injection using a flow meter always maintains carbonation at desired concentration. An integrated pump with a pressure holding valve maintains required pressure for carbonation.

The unit comes assembled on a compact frame, is tested and rapidly put into operation. Proven components guarantee reliability and extended lifetime. The modular layout allows easy integration into production and efficient combination with other process units.



Technical data

Carbonation:	up to 6 g/l, 3 V/V (P & T dependent)				
Pressure:	operating 2 to 5 barg, 30 to 72 psig				
Temperature:	operating 0 to 5 °C, 32 to 40 °F				
CIP:	2 to 5 barg, 30 to 72 psig; max. 90 °C, 200 °F				
Connection:	Tri-clamp; other connections upon request				
Dimensions:	from Height 1,9 m, 6,2'; Width 2,0 m, 6,5'; Depth 0,6 m, 2'				
Weight:	from 200 kg, 440 lb				
Material:	Stainless Steel 304, EPDM, PSU, PP				
Models:					

DCS050S	DN 40	1½"	20 to 50 hl/h	9 to 22 gpm	18 to 42 bbls/h
DCS075S	DN 40	1½"	30 to 75 hl/h	14 to 33 gpm	26 to 63 bbls/h
DCS100S	DN 50	2"	40 to 100 hl/h	18 to 44 gpm	35 to 85 bbls/h
DCS150S	DN 65	2½"	60 to 150 hl/h	27 to 66 gpm	52 to 127 bbls/h
DCS200S	DN 65	2½"	80 to 200 hl/h	36 to 88 gpm	69 to 170 bbls/h
DCS300S	DN 80	3"	120 to 300 hl/h	53 to 132 gpm	103 to 225 bbls/h
DCS500S	DN 100	4"	200 to 500 hl/h	88 to 220 gpm	171 to 426 bbls/h
DCS750S	DN 125	5"	300 to 750 hl/h	132 to 330 gpm	256 to 639 bbls/h
DCSA00S	DN 150	6"	400 to 1000 hl/h	176 to 440 gpm	341 to 852 bbls/h