

8. High Gravity unit

Meas. point 2: density measurement

Application description:

The Coriolis massflowmeter Promass 63 with special density calibration measures the gravity of the finished beer in the high gravity unit. In the high gravity unit 2 components are mixed together, deaerated water and beer with a high gravity.

The Promass is available in a wide range of diameters, from 12mm up to 100 mm.

Process conditions:

Media: beer, deaerated water

Pressure: up to 6 bar

Temperature: 0 ... 10°C

Density range: 12 .. 18°Plato

Highlights:

- Continuous density measurement
The coriolis massflowmeter Promass 63 has a analog output which is set direct to the specific gravity in °Plato.
- Hygienic adaption of the massflowmeter
The Promass has a variety of hygienic process connections, with which a adaption in all process pipes can easily be made.
- Universal measurement
Besides the direct density and massflow measurement the Promass 63 is also able to measure the volume in hl and further parameters. Using the link to the fieldbus Profibus PA , also the temperature can be measured.

