



Reliable

Approved materials according to FDA and EG 1935/2004

Cost effective

Optimal cleaning thanks to front-flush measuring cell

User friendly

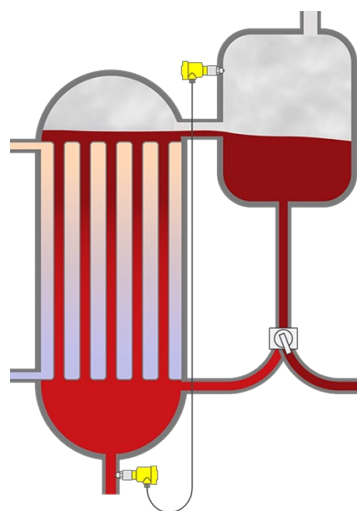
Simple mounting

Concentrator

Density measurement of tomato juice in a concentrator

The so-called Brix value (expressed in Brix degrees) is controlled in a concentrator. This value indicates the proportion of solids in a liquid (density). A certain Brix value is required, for example, to produce an optimal tomato concentrate. The liquid circulates in a spiral tube, from which the concentrate is obtained. The liquid content is extracted via evaporation in a special chamber. Electronic differential pressure measurement ensures accurate density measurement.

[More details](#)



VEGABAR 82

Measuring density accurately in a concentrator using electronic differential pressure measurement.

- Exact measurement for determining the solid content
- Reliable measurement, unaffected by condensation
- Dry measuring cell is vacuum resistant and long-term stable

[Show Product](#)

VEGABAR 82[Show Product](#)**Measuring range - Distance**

-

Measuring range - Pressure

-1 ... 100 bar

Process temperature

-40 ... 150 °C

Process pressure

-1 ... 100 bar

Accuracy

0.05 %

Materials, wetted parts

PVDF

316L

Alloy C22 (2.4602)

PP

1.4057

1.4410

Alloy C276 (2.4819)

Duplex (1.4462)

Titanium Grade 2 (3.7035)

Threaded connection

≥ G½, ≥ ½ NPT

Flange connection

≥ DN15, ≥ ½"

Hygienic fittings

Clamp ≥ 1" - DIN32676, ISO2852

Slotted nut ≥ DN25 - DIN 11851

hygienic fitting with tension flange DN32

hygienic fitting F40 with compression nut

DRD connection ø 65 mm

SMS 1145 DN51

SMS DN38

Swagelok VCR screwing

Varivent G125

Varivent N50-40

for NEUMO BioControl D50 PN16 / 316L

Seal material

EPDM

FKM

FFKM