**Reliable**

Approved materials according to FDA and EG 1935/2004

**Cost effective**

Optimal cleaning thanks to front-flush measuring cell

**User friendly**

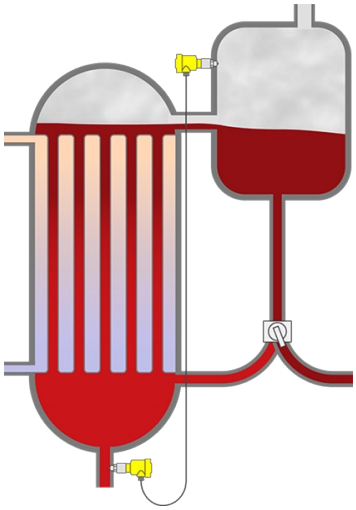
Simple mounting

# 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**

PRO

## 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"

**Hygenic 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