

GLÖTZL Baumeßtechnik

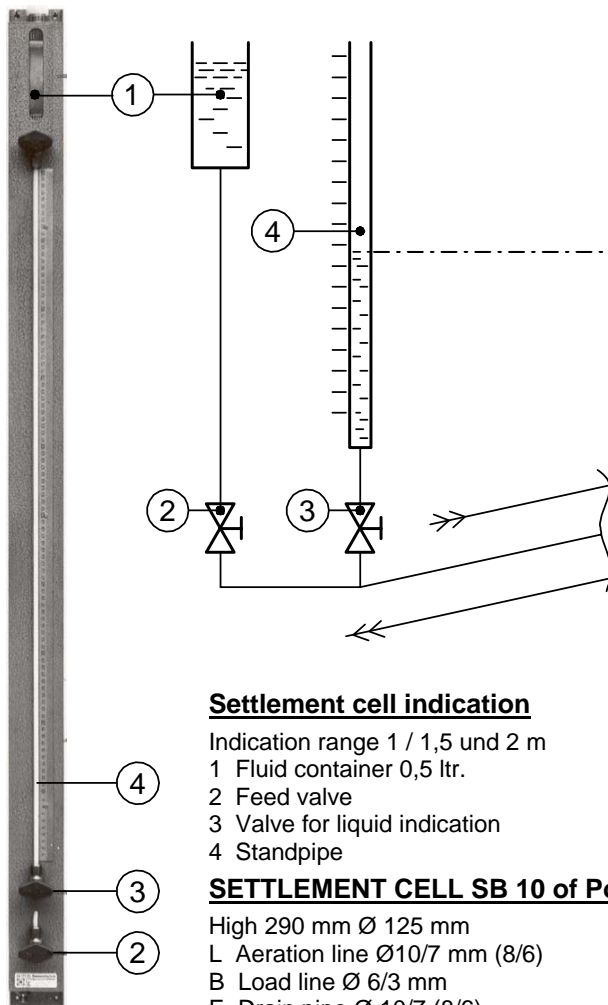
SETTLEMENT CELL

Principle of Hose Levelling Instrument

Type: SB 10
Art. No.: 27.01.01

The settlement cell SB 10 is operating according to the principle of the communicating tube. By a specially constructed overflow in the settlement cell, a constant liquid level can be achieved with an accuracy of ± 2 mm. The cell can be used for distances up to 200 m.

SETTLEMENT CELL SBA 1F



Settlement cell indication

Indication range 1 / 1,5 und 2 m
1 Fluid container 0,5 ltr.
2 Feed valve
3 Valve for liquid indication
4 Standpipe

SETTLEMENT CELL SB 10 of Polyamide

High 290 mm \varnothing 125 mm
L Aeration line \varnothing 10/7 mm (8/6)
B Load line \varnothing 6/3 mm
E Drain pipe \varnothing 10/7 (8/6)

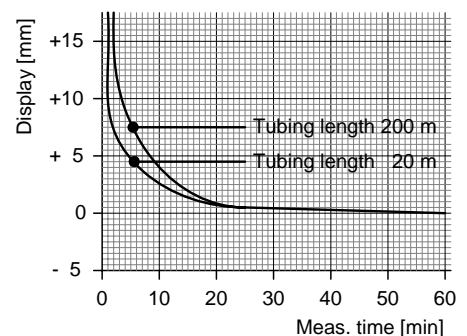
SETTLEMENT CELL SB 10

Liquid level

L
B
E



Measuring time and accuracy dependent on tubing length



Installation:

For installation, the display and settlement cell have to be levelled to an accurate position. The tubings must carefully be installed in the ascent from settlement cell to display.

Measurement :

Open valve 3, let liquid flow into standpipe 4 with valve 3, approx. 100-200 mm over measured value. Close valve 2. As shown in diagram opposite, the measured value is already reached after 30 minutes. Eventually carry out control measurement.

Subject to technical alterations