

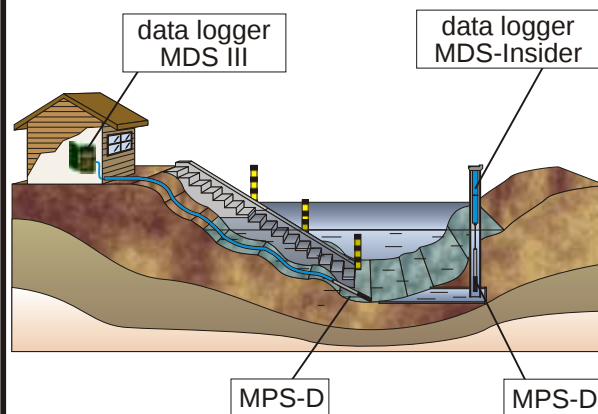


Multi Parameter Sensor MPS-D

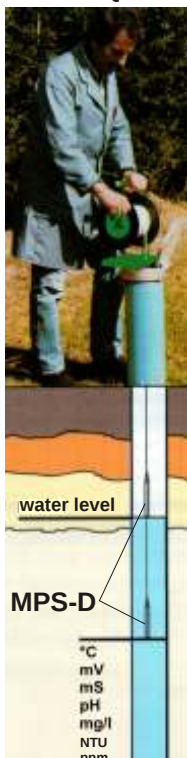
for control and monitoring of water quality up to 500 m depth

 We are certified
ISO 9001
certificate no. 01110505
Quality Is Our Standard

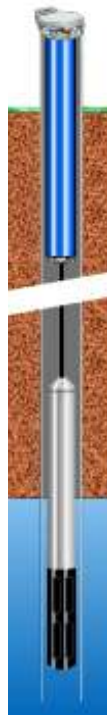
surfacewater



groundwater



MDS-Insider



- water level
- temperature
- conductivity
 - total dissolved solids(TDS)
 - salinity
- pH-value
- redox-potential
- dissolved oxygen
 - saturation oxygen
- turbidity

The SEBA Multiparameter Sensor MPS-D

For simultaneous measurement of:

pH-value, redox-potential, conductivity, salinity, temperature, water level, dissolved oxygen and turbidity.

The MPS-D is designed for operation in 2" boreholes and bigger in groundwater and surfacewater.

Types: MPS/2, MPS/3, MPS/4, MPS/5, MPS/6, MPS/7, MPS/8

technical data:

digital output for connection to data logger MDS (RS 232), directly to PC, or to data transmission units (modem, radio-modem, etc)

material: anti-corrosive steel V4a
dimensions: Ø 48 mm, length 640 mm incl. sensors (740mm with turbidity)
weight: approx. 3 kg incl. sensors

conductivity

measuring principle: 4 pol. electrode
range: 0...500ms/cm
accuracy: ±0,5% of value
operating temperature: 0...50°C
storage temperature: -40...+80°C
compensation temperature range: 0...50°C
pressure range: 0...50bar

salinity

measuring range: 0...42,0

pH-value

measuring range: 0...14pH
max. error: ±0,1pH
operating temperature: 0...+50°C
storage temperature: -5...+70°C
compensation temperature range: 0...+40°C

water level

SEBA-pressure sensor

measuring range: 0...5m, 0...10m,
0...20m, 0...30m
max. 0...500m
accuracy: 0,1%
operating temperature: 0...+50°C

temperature

sensor: semi-conductor sensor
measuring range: 0...50°C
accuracy: ±0,15°C (better accuracy possible for smaller measuring ranges)

redox-potential

measuring range: ±2000mV
max. error: ±2mV
operating temperature: 0...+50°C
storage temperature: -5...+70°C

dissolved oxygen

measuring range: 0...40,0 mg/l and 0...400%
(on request)
accuracy: ±0,5%
operating temperature: 0...50°C
storage temperature: -5...+70°C
compensation temperature range: 0...+40°C

turbidity

measuring principle: 90° stray ray (EN 27027)
measuring range: 0...1000 NTU
accuracy: ±0,3 NTU (0...10 NTU)
±3% (10...1000 NTU)
operating temp. : 0...+50°C
pressure range: 0...20 bar without wiper
0...10 bar with wiper

special cable: made of PE blue with shield and compensating pressure tube.

The right is reserved to change or amend the foregoing technical specification without prior notice.



SEBA Hydrometrie GmbH
 Gewerbestr. 61a • D-87600 Kaufbeuren
 Tel.: +49 (0)8341 / 9648-0
 Fax: +49 (0)8341 / 9648-48
 E-Mail: info@seba.de

represented by: