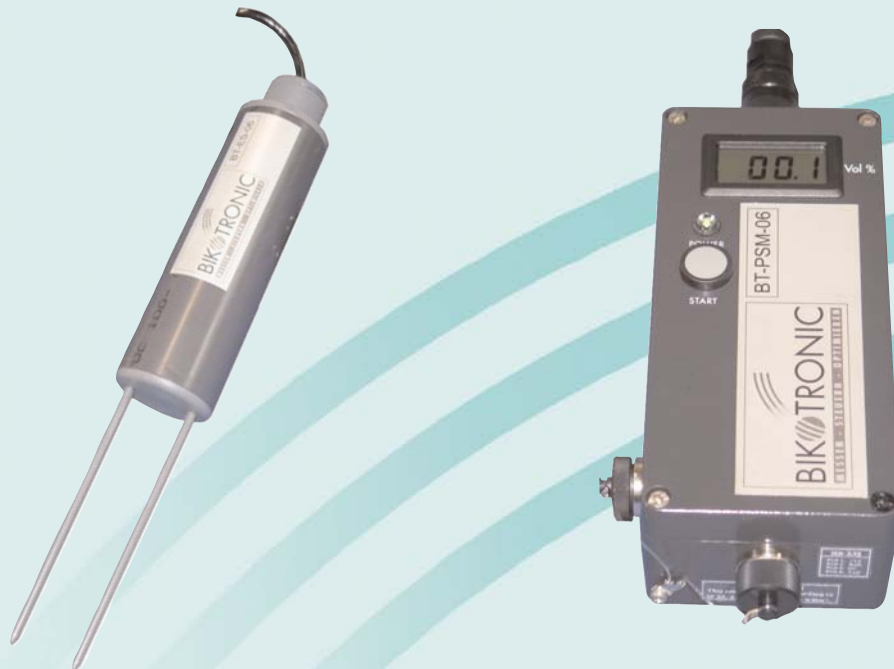




BT-PSM-06

Mobile Sand Moisture Meter



The BT-PSM-06 is the ideal measuring instrument to determine the moisture content in sand and other aggregates fast and precisely on site.

The advantages of the BT-PSM-06 at one glance:

- User-friendly handling
- Exact moisture measurement
- High reliability
- Light but robust case
- Laborious sample takings are not necessary
- With the included software, measured data can be stored and edited on a PC

Technical Data of the Measuring Device BT-PSM-06

Power supply:	7V..15V-DC, 600 mA/h battery capacity
Supply current:	8mA standby / 200mA while 10..15sec. measuring time
Resolution:	0,1%
Repeating accuracy:	+/- 0,3%
Measurement range	0-100%
Temperature range:	-15°C...50°C, expanded temperature ranges on request
Temperature caused value drift:	max. +/-0,5%
Standard interface:	analogue output 0..1V or 0(4)..20mA, RS232/V24, P232 MICRONET
Case:	weatherproof, robust aluminium die-cast (IP65)



Technical Data of the Sensor BT-ES-06

Power supply:	9V..24V-DC
Supply current:	8mA stand-by 200mA during 10..15sec. of measuring
Measuring range:	0..100% volumetric water content
Accuracy:	Range 0..40 %: +/- 1 %
Repeating accuracy:	+/-0,3%
Bulk conductivity range:	0..10dS/m
Pore water conductivity range:	0..12dS/m
Temperature range:	-15°C...50°C (other temperature ranges on request!)
Temperature caused value drift:	max. +/- 0.5%
Interfaces:	standard: IMP232 MICRONET option: RS232/V24 and analogue output: 0..1V or 0(4)..20mA
Calibration data:	freely configurable
Cable length:	5m (special length on request!)
Probe body:	waterproof sealed PVC (IP68)



BT-PSM-06

Mobile Moisture Meter