BAT/IS Field Unit (#1-300)

General

The robust BAT/IS-Field Unit is exceptionally convenient for handling of BAT/IS-Sensor data in the field. This self-contained unit is equipped with a back light display and keyboard.

The BAT/IS-Field unit enables you to program a BAT/IS-Sensor. You can also download, view, delete data from one or more BAT/IS-sensors and check the battery and free data memory of an BAT/IS-Sensor. The BAT/IS-Field Unit also allows real-time pressure readings in engineering units.

The BAT/IS-Field Unit is also equipped with an internal pressure sensor for automatic, barometric compensation.

At the office you can download the BAT/IS-data to your PC. Using the BAT/IS-Field Unit software for Windows you can then further process the data.

Specifications

Operating temperature:	-20°C to +40°C
Measurement channels:	IS Sensor pressure
	Atmospheric pressure
	Temperature
	IS Sensor temperature
	Internal batteries
	Battery of an IS Battery Unit

Internal pressure sensor

Pressure range:	0.8 to 1.2 bar (absolute)
Linearity error:	Typical 0.15%, max <0.36%
Memory:	≈ 13.000 measurements
Run time in logger mode only:	1 year (measure interval time:3 hours)
Flash memory:	62500 full IS-Sensors (1GB)
Run time in download mode:	10 hours (downloading only)
Downloading speed:	12 Mbps (USB connection)
External IS power:	90 mA, short circuit protected ≈2 IS-Sensors
Battery:	2xAA-size 1.5 V Alkaline batteries
	2x spare batteries inside unit
Connecting cable:	1 D9-cable for connecting an IS-sensor to the BAT/IS-field unit.
	1 USB cable for connecting the BATIS-field unit with the USB port of the PC.
PC minimum requirements:	Windows XP
Protection:	IP 62
Material:	ABS
Weight Field Unit:	444 grams
Dimensions Field Unit:	195x108x44 mm