## CHAPTER 15

## TensioLogger TRL

Using the TensioLogger, you can easily store and read out the measurement data for your volume sensors and tensiometers.

The TensioLogger has 4 digital interfaces. These can either be used to directly connect up to 8 digital sensors or for connecting expansion boxes. Further analogue or digital sensors can then be connected to such expansion boxes. This modular design enables you to simultaneous connect very many sensors to one TensioLogger unit.

With the digital and the analogue extension boxes, there are two variants available. The digital extension box enables you to connect digital sensors (e.g. SMT100). The analogue version allows you to connect 8 or 16 analogue sensors, such as electronic tensiometers. Suitable software (which is installed on your PC) is provided for changing the TensioLogger settings and exporting the measurement data. The TensioLogger is connected to the PC via the USB cable supplied.

The TensioLogger can be supplied with power via the integrated battery pack; for more stationary use, a mains power connection or a solar module may also be used.

## **TECHNICAL SPECIFICATIONS:**

	TensioLogger TRL
Power supply:	5 – 12 VDC
Power supply:	Battery pack in cover (4x1.5 V mono),
optional externa	al 5-VDC power supply or solar panel
Sensor interface:	RS485 (TBUS)
	up to 50 sensors per logger
Memory capacity:	32 MB for data
Transmission:	2G (4G) modem with SIM card,
	via FTP protocol
Connections:	1 socket for supply,
2 sockets for sensors, optionally 4 sockets	
PC connection:	Adapter cable RS485-USB
Housing:	Plastic (PC), 100x200x70 cm, IP 66



