- ✔ Universal, for stationary and mobile battery installations

- ✔ Lightweight

- ✔ Easy to use

- ✔ Bright display

- ✔ RF-ID (optional), wireless battery identification

- ✔ BLUETOOTH (optional), Headset possible

- ✔ USB (Mini5P) – Interface.

- ✔ RS232, compatible to TMC95 users

- ✔ Some thousands systems do their job day by day, world-wide.

TMC - 2001E
Battery-Management-System

The **TMC-2001E** is a handheld data logger, which together with our management software (included in all deliveries) leads to a user friendly Battery-Management-System. It is perfectly adapted to battery related measurement tasks, such as cell voltage measurements during a discharge. Measurements become very efficient due to the instruments logs in the desired measurement values automatically. Applying e. g. a temperature sensor or an electronic density meter enhances the functionality of the instrument significantly.

The **TMC-2001E** provides sufficient analyze features on-site, to be able to introduce appropriate actions for maintenance if necessary. All stored measurement values can be reviewed.

Relevant information needed for testing, such as data for battery identification or permissible limit values can be completely downloaded into the data loggers memory. The battery to test can be selected either by navigation through the stored database, or via the use of our automatic transponder identification. This ensures faultless synchronization when uploading measurement values into the computer.

Analog section

Range	Resolution
± 245 mVDC	0,01 mV
± 2,45 VDC	0,1 mV
± 24,5 VDC	1,0 mV
± 600 VDC	100 mV

Accuracy: ± 0,05%, for 600V ± 0,1%
Input resistance: 10MΩ

- Temperature:
  Optional IR-temperature sensor

- Density:
  Optional density sensor DMA35N

Interfaces

- USB (Mini5P)
- RS232
- Display, 4 lines / 20 characters
  (black characters, white background)
- Transponder – System (optional)
  RF battery-identification
- BLUETOOTH (optional), for Headset use

Transponder Tags (optional):

Software

A complete battery management software is included in the delivery scope of the **TMC-2001E**. The management software can convert existing TMC-databases into the new database structure.

Scope of delivery

- **TMC-2001E** data logger
- Battery charger for the TMC-2001E
- One pair of test leads
- TMC95-software
- Transport case

Dimensions (L x W x H)
243mm x 130 / 90mm x 60 / 40mm

Battery pack, interfaces:

For security reasons, all interfaces are placed behind a plastic cover. The rechargeable battery pack can easily be replaced.

Additional notes:

The **TMC-2001E** will replace our successful battery tester TMC-2001D. The functionality of the **TMC-2001E** will remain the same for almost all applications.

Existing users of the TMC-2001D will be able to use their proven TMC95-software installation.
TMC-2001D and TMC-2001E can be used together in the same environment.
The integration into CS-Manager will follow.