



TMX01

Transmission Measurement Device

System-Features

- accurate measuring
- repeatable measurements
- battery powered
- light and portable

Advantages

- compact design
- very user friendly
- short start-up time
- fast calibration

Transmission device TMX01

The mobile transmission analysis instrument TMX01 is made for optimising design work and control of water treatment systems. With this unit, water samples can be evaluated according to DIN 38404. A fluid sample can be taken and its transmittance measured.

The TMX01 can also be used for regular inspections and analysis of water quality.

Features

This instrument comes in a robust Aluminium suitcase, giving maximum protection against impact.

The unit is battery powered and operates with just four buttons. This meter can be operated very easily and can be always ready for use. A removable charger takes care of power which is included with the instrument.

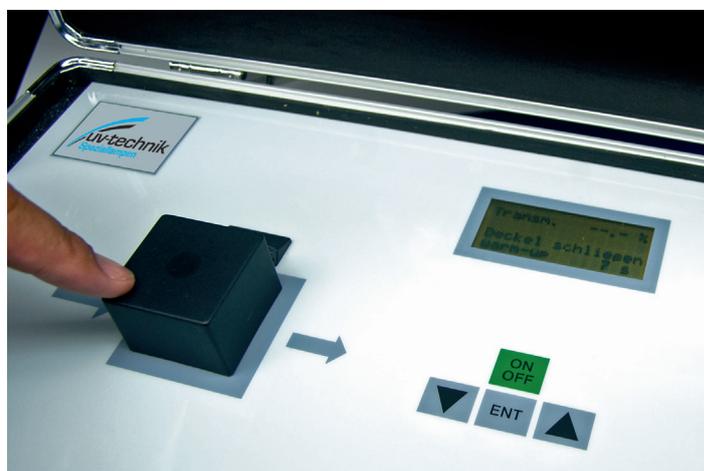
Technical Data

| | |
|--------------------|--|
| Cover | Aluminium suitcase |
| Dimensions (WxHxD) | 370 x 330 x 150 [mm] |
| Weight | 3,0 kg |
| Power supply | Battery driven, 4x NiMH-accu, each 1.500 mA |
| Operation time | approx. 2,5 hours |
| Measuring accuracy | ± 0,5% |
| Ramp-up time | max. 30 seconds |
| Temperature range | 0-30°C |
| Display | 4 lines |
| Scope of delivery | Suitcase with unit Quartz-cuvette 10 mm 4x NiMH rechargeable batt. Recharger for accu (230 V) |

Measuring

There is a light protection cover above the measuring unit, so the influence of sun radiation is completely prevented. This means that reproducible measurement results are guaranteed. The measuring process starts automatically and the display shows the metered transmittance in %.

Based on the transmittance measurement, the unit gives an indication as to whether additional water treatment processes need to be installed. In the event of a failure, a message will appear on the display.



Example of use

Calibration

The reference of the transmission device is completed using distilled water. The fast calibration just takes a few seconds and is based on the short warm-up time of the TMX01.

An integral micro-controller saves the measurement even when the unit is switched off as well as during battery exchange.