

Latooyete operating manual

CAUTION:

Please read the instructions and safety information carefully before assembling the device. Keep the instructions handy for easy reference.



Caution: Small parts, choking hazard!
Not suitable for children under four!

1. Description

Latooyete is an electronic device designed to record temperature data. The temperature data logger is very easy to use when recording the temperature of drinks – and especially hot drinks such as coffee, thanks to its very small size. Its ultra-slim integrated button cell and low power consumption mean the device can be operated easily and reliably for a long period of time.

Latooyete is not a commercial product, but rather an experimental demonstration tool. It illustrates the production and development capabilities of Turck duotec.

2. Assembly/use



The Turck duotec Latooyete app must be downloaded from the Google Play Store prior to assembly.

An NFC-compatible mobile phone is required to use the app. The typical distance from the stirrer (depending on the smartphone) should be no more than 1 cm (max. 10 cm with a range extender). The stirrer is then dipped into the liquid and the temperature measured.

The in-built temperature sensor is able to measure temperatures between -40°C and $+125^{\circ}\text{C}$. However, the temperature of the liquid and the storage conditions of the Latooyete should not exceed -40°C or $+85^{\circ}\text{C}$, due to the battery inside in the stirrer. The accuracy of the temperature measurement range is $\pm 0.5^{\circ}\text{C}$ between -25°C and $+85^{\circ}\text{C}$.

After the measurement has been taken, the Latooyete is then removed from the liquid and placed right next to the NFC-compatible mobile phone. The app will display the temperature measured.



3. Data transfer information

Latooyete uses NFC to wirelessly transmit data within a range of just a few centimetres. Data is transmitted passively and is activated by the smartphone. The ultra-slim button cell powers the LED display and is used to log the temperatures.

No pairing is necessary and the data from the Latooyete can be accessed freely by all smartphones within the specified range. Measurements and other information from the smartphone are not recorded or stored by Turck duotec.

4. Removing the battery

The Latooyete features a standard CR1225 button cell. It will last for three months under continuous use, i.e. for constant measurement intervals of five minutes. The Latooyete can be opened at a predetermined breaking point in the overmoulded casing by applying gentle pressure, meaning that the button cell can then be removed and recycled when empty.



Latooyete after opening at the specific breaking point

5. Cleaning

The Latooyete can be rinsed off thanks to the over-moulding. However, after the battery is removed, the casing is no longer waterproof and any contact with water will stop the device from working.

6. Disposal information

Consumer goods must be disposed of in an appropriate manner due to implementation of E.U. law into national laws and regulations. This is to ensure the safety and protection of both people and the environment.



Old electrical and electronic devices and batteries must be disposed of separately from household waste.

Old or disused devices must be disposed of at a collection point of an appropriate waste disposal provider. Batteries and rechargeable batteries must be disposed of at places that supply batteries or at collection points that provide suitable containers.

7. Declaration of conformity

Turck duotec S.A. hereby declares that the Latooyete radio equipment complies with Directive 2014/53/EU. The full E.U. Declaration of Conformity is available here: www.turck.com

8. Disclaimer

We shall not assume liability in the case of improper use of the stirrer or incorrect measurements and any resulting damage.

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