

# Newsteo™ Tracker Data Logger

« For the tracking of your goods... »

The Newsteo™ Tracker measures and records up to 6 months transport date. It provides the recording of temperature, moisture, light and shocks (on 3 axis) as well as free fall height (Newsteo™ Patent Pending). It is equipped with Microprocessor and on-board Flash Memory to process and record physical measures with date and time during 6 months.

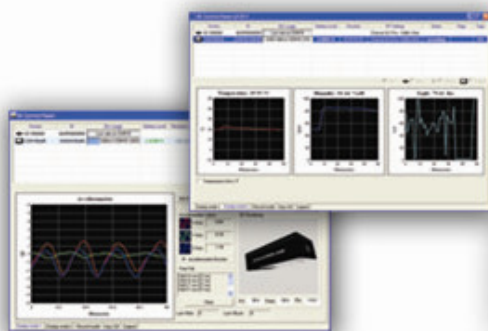
## Very easy to use

Having configured and activated your Newsteo™ Tracker, fix it in your container, lorry, box before it goes on the road. Temperature, moisture, light and shocks will be supervised according to 2 possible modes of functioning:

- **Direct mode:** the Newsteo™ Tracker sends the data directly to a on-board computer in order to alert the carrier in case of problem.
- **Record mode (Data logger mode):** the Newsteo™ Tracker records data in its memory during the transport and restitutes them to a computer at the arrival of the goods with the complete history.

The **RF-to-USB key** is the wireless link between the Newsteo™ Tracker and the monitoring computer of monitoring. The reception of the data is ensured by this key in radio frequencies.

The **RF-Monitor software** is the interface which allows data display and restitution of the recorded data.

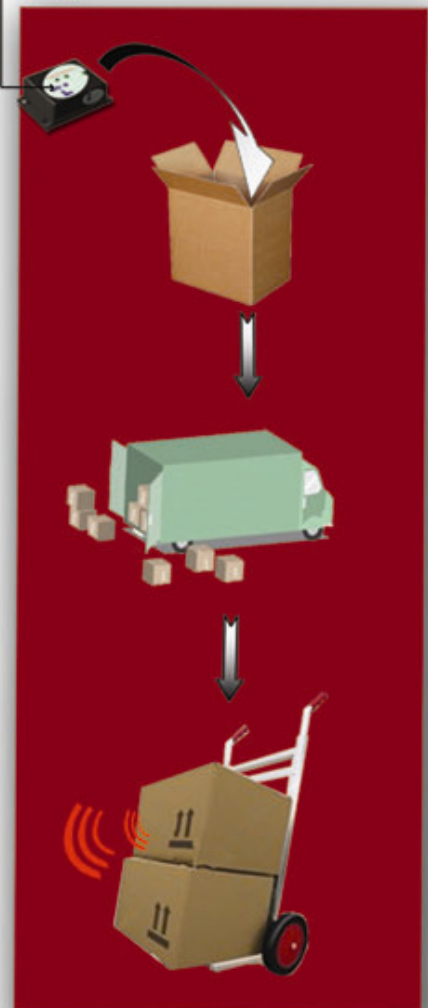


Software RF-Monitor



RF-to-USB key

Newsteo™ Tracker



## Assets

### Reliability and traceability

- Easiness of use
- Historic of the free-falls
- Wireless data transmission
- Wireless restitution of recorded data
- Data transmission without opening the goods
- Guarantee the non opening of the goods
- Live display of dew point

### Freedom

- High battery autonomy
- High storage capacity

### Un design compact

- Miniature and easy to fix
- No wire, no plug, no connector
- Easily removable

# Newsteo™ Tracker Data Logger

## ■ Applications

### Foods

- Control of cold chain
- Control of temperature during distribution and transport of meal

### Medical

- Control of temperature in pharmaceutical shelves
- Supervision of shocks and temperature for the vaccine transport
- Control of temperature for transport of organs

### Transport of fragile goods

- Historic of transport of fragile goods
- Supervision of art devices transport (museum)
- Supervision of measuring instruments transport



Newsteo™ Tracker

**Accuracy**  
+/- 0,6 °C  
+/- 3 %  
+/- 10 Lux  
+/- 0,0015G  
+/- 2°  
+/- 1 cm

## ■ Spécifications techniques

▶ Temperature	Sensors range
▶ Humidity	-20 to +70 °C
▶ Light	0 to 100%
▶ Shocks (3 axis)	0 to 1 000 Lux
▶ Angle (3 axes)	+/- - 6G
▶ Free-fall height	-180 à +180°
	0 to 20 m

### Measurement frequency

Configurable from every second to every day.  
Thresholds alert can start automatically the recording.

### Memory capacity

32 768 mesures with date and time (flash memory technology)  
Corresponding to 1 statement of measures every 10 minutes during 6 months with 6 000 events (shock, free-fall)

### Radio Frequencies

ISM 868 MHz (Europe); 915 MHz (USA)

### Size

100 x 54 x 29 mm

### Weight

160 g

### Alimentation

3 batteries LR 06 (AA)

### Data historic files

Data compatible with EXCEL or encrypted PDF files

## ■ Availability

Evaluation Kit: available  
Production: April 2007



**PEDAK**  
meettechniek