

newsteotracker

Everything about the transport of your goods



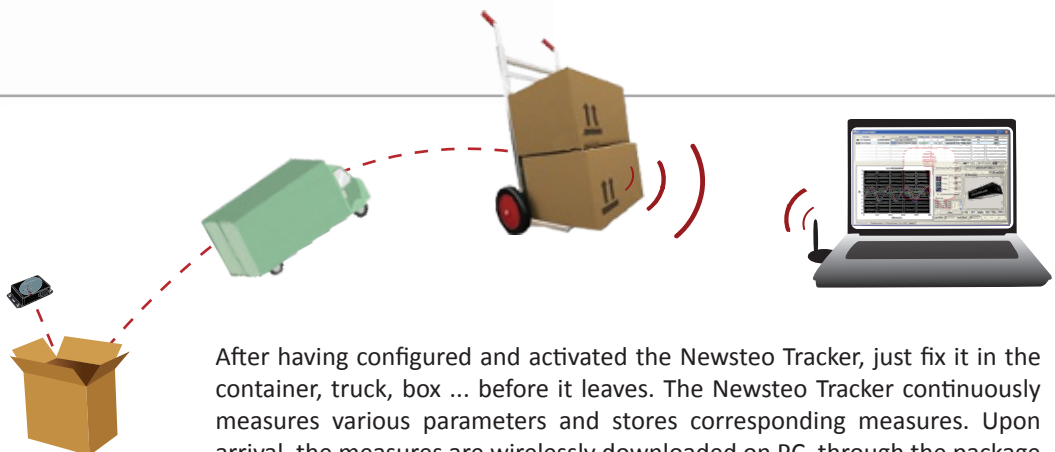
MONITORING MEASURING SECURING

The Newsteo Tracker measures and records for 6 months the conditions of carriage of goods.

All taken measures are time-stamped to know when an abnormal event took place.

Continuous monitoring of :

- 3-axis shock
- Shock energy
- Shock duration
- Temperature
- Humidity
- Dew point
- Luminosity
- Free fall height



After having configured and activated the Newsteo Tracker, just fix it in the container, truck, box ... before it leaves. The Newsteo Tracker continuously measures various parameters and stores corresponding measures. Upon arrival, the measures are wirelessly downloaded on PC, through the package of the good.

APPLICATIONS

Medical

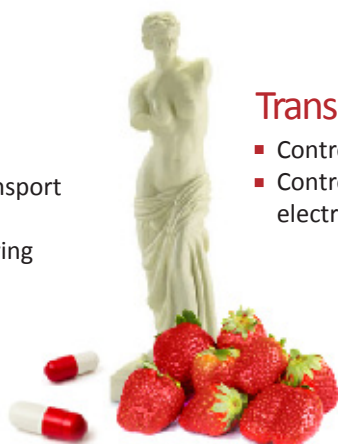
- Temperature control of medical stocks
- Temperature control for the transport of organs
- Shock and temperature monitoring for the transport of vaccine

Transport of fragile goods

- Control of transport conditions of art devices
- Control of transport conditions of the measuring instruments, electronic equipment, laboratory equipment...

Food

- Control of the cold chain and dew point
- Temperature control in distribution and transportation of meals



Insurance

- Liability search in case of damage



With Newsteo Tracker, it is possible to determine the source of transport problems. And in response, to limit breakage and losses.

ASSETS

Reliable and Efficient:

- Complete and time-stamped history of transport conditions
- **Exclusive: measure of the height of free fall**
- Detailed information on the shock: acceleration, duration and energy
- Wireless data restitution, without needing to open the package, the container
- Guarantee of non opening of the packages (light sensor)

Easy to use

- Great battery life
- Large storage capacity
- Batteries easy to supply, replaceable by the user

Compact and Robust

- Miniature and easy to fix
- No cables or connectors
- Easily removable

TECHNICAL FEATURES

	Sensors Range	Accuracy at 25°C
Temperature	- 20°C to +60°C	+/- 0,4°C
Humidity	0 to 100 % HR	+/- 3% from 20 to 80% HR
Light	0 to 220 lux	+/- 30 Lux
Shocks (3 axis)	- 6g to + 6g	+/- 0,06 static and +/- 0,5 dynamic
Free Fall Height	1 cm to 20 m	+/- 5 cm

Memory capacity
32 768 measures with date and time (flash memory technology). Corresponding to 1 statement of measures each 10 minutes during 6 months with 6000 events (shocks, free fall).

Weight
160g

Measurement Frequency
Can be set from one measure every minute to one every 4 hours.

Radio Frequencies
ISM 868 MHz (Europa);
915 MHz (USA)

Temperature range of use
-20 to +60°C

Size
110 x 56 x 26 mm

Alimentation
3 batteries LR 06 (AA)

Data historic files
Secured report compliant EXCEL or PDF.

EVALUATION KIT

This Kit enables you to estimate the Newsteo Tracker.
The kit is made of :

- The Newsteo™ Tracker
- A RF-to-USB key medium-range (¼ wavelenght antenna integrated)
- A CD-ROM containing the installation of the software RF Monitor with USB Drivers, the application software of the logger which enables the restoration of the recorded measures, and documentation.

Cost of the Kit Tracker : 499 € Exc. VAC + preparation and expedition expenses.

