

newsteotracker

Everything about the transport of your goods



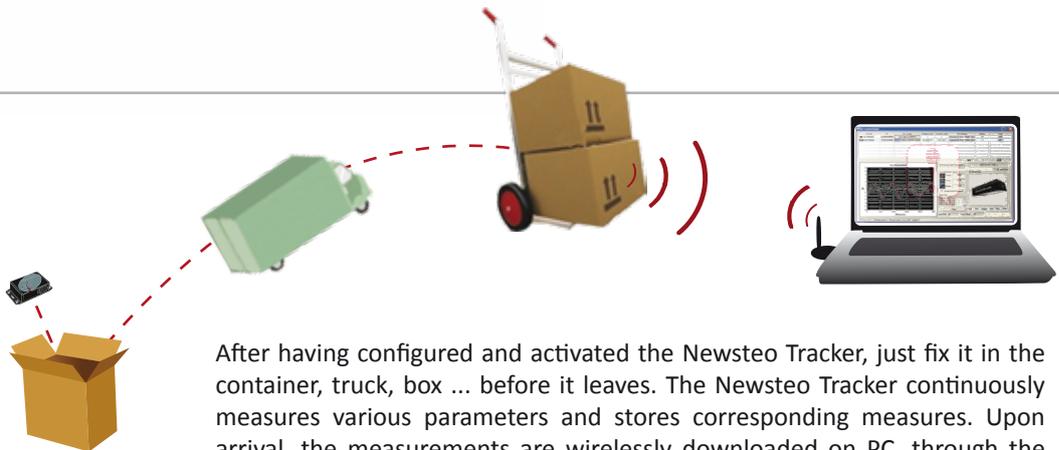
MONITORING MEASURING SECURING

The Newsteo Tracker range measures and records for 6 months to 2 years 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 (+/- 6g or +/-16g)
- 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 measurements 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 measuring instruments, electronic equipments, laboratory equipments...

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)
- New : on the TRE reference, the LEDs indicate if an alert has occurred, without having to download measurements.

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

NEW

	Newsteo TRK31	Newsteo TRK33	Newsteo TRK41	Newsteo TRE35
Operating temperature	-10°C to +60°C	-40°C to +85°C	-10°C to +60°C	-40°C to +60°C
Temperature	-10°C to +60°C +/- 0,4°C@25°C	-40°C to +85°C +/-0,4°C @ 25°C	-10°C to +60°C +/-0,4°C @ 25°C	-40°C to +85°C +/- 0,3°C from -30°C to 70°C
Humidity	0 to 100 % RH +/- 3% (20 to 80% RH)	0 to 100% +/-3% (20 to 80% rH)	0 to 100% +/-3% (20 to 80% rH)	X
Light	0 to 220 lux +/- 30 Lux	0 to 220 Lux +/- 30 Lux	0 to 220 Lux +/- 30 Lux	X
Shocks (3 axis)	-6g to +6g	-6g to +6g	-6g to +6g	-16g to +16g
Protection Level	IP54	IP54	IP54	IP54
Battery	3 AA Alkaline	1 Lithium Tionyl type AA	3 AA Alkaline	1 Lithium Tionyl type A Compatible with alkaline LR6
Autonomy @ 25°C	6 months	6 months	6 months	2 years
Memory capacity	32 768 measures with date and time. Corresponding to 1 measurement every 15 minutes during 6 months with 7200 events (shocks, free fall).			129000 measures with date and time . Corresponding to a measure campaign of 2 years with one one attitude and temperature measure every 15 minutes and 29 000 shock records.

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

Size
110 x 56 x 26 mm

Radio Frequencies
ISM 868 MHz (Europe).

Data historic files
Secured report compliant EXCEL or PDF.

EVALUATION KIT

This kit gives you the opportunity to evaluate the Newsteo Tracker.

The kit is made of :

- The Newsteo Tracker TRK31
- A RF-to-USB key medium-range (¼ wavelenght antenna integrated)
- A CD-ROM containing the installation of the RF Monitor software (the application software of the Logger which enables the restoration of the recorded measures), USB drivers for the RF-to-USB key and the documentation.

