



Adventum Tech Ltd.

QuakeControl

Technical data sheet

CONTACT US

NIKITA GORBATKO

CEO, FOUNDER
NIKITA@ADVENTUM.LV

MUKUSALAS IELA 72F, RIGA, LATVIA



about Adventum Tech

Adventum Tech Limited is a Latvian based company, that focuses on development of revolutionary hardware and software for unique applications within construction, production, mobility and energy sector.

Our Team has extensive experience within focus industries across Baltic and Scandinavian countries, that gives a strong advantage understanding the need of the end customer, and value to the end product.



QuakeControl

QuakeControl is a safety sensor system developed by Adventum Tech that monitors the impacts of surrounding stress producers through the measurement of particle movement caused by external factor and is measured in mm/s. The system will immediately inform the relevant project stakeholders when any vibration values exceed accepted limitations to prepare additional inspections if necessary.

QuakeControl sensor system tasks are:

- record and display vibrations data
- send notifications when values exceed pre-defined limits



MEASUREMENT

Range, mm/s ²	3.5 x 9.8 m/s ²
Precision, %	1%
Intensity, signal/h	Customer specific

DIMMENSIONS

Size, mm	120 x 110 x 160
Weight, g	850

CONNECTICITY

Data transmission	4G, Wireless, LTE
Frequency	868 Mhz
Protocol	LoRa

BATTERY

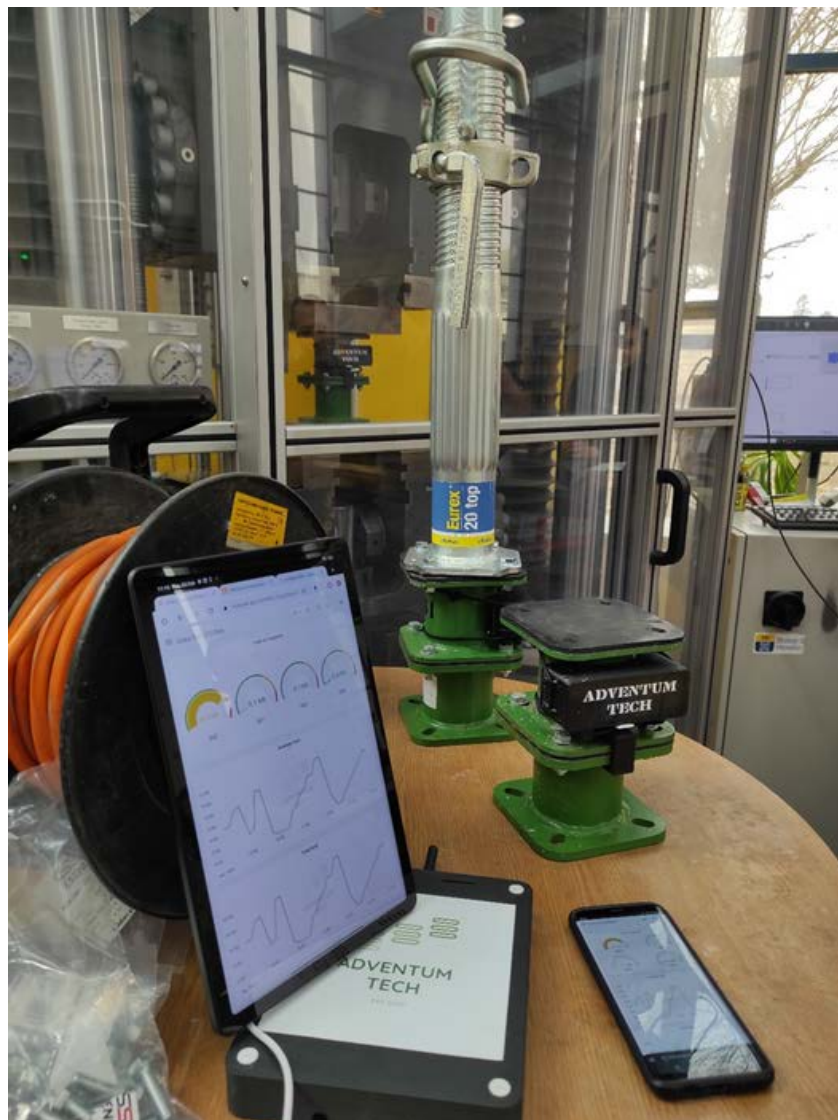
Type	Li-ion
Expended duration on 1 charge	1 year
Rechargeable	Yes

ACCESSORIES

LED display
PV panel
Extended battery
Digital thermocouple

Liveload.app

All data is transmitted to the internet based software solution developed by Adventum Tech Ltd - **liveload.app** where the data is collected, stored, analyzed and displayed. Liveload.app service allows to keep valuable data with easy and protected access to all involved stakeholders in one place. The data is easily perceived and can be designed and modified according to the customer metric needs.



MEASURING THE INVISIBLE



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