# Sonic and ultrasonic sensors for materials

## Data analysis

## Description

Sonic technology equipment oriented to its implementation in the industrial process for the resistant classification of wood and other materials. Components: sonic sensor, scale, wireless connections.

## Uses and applications

1. Classification of structural timber products for commercialization under European standards.
2. Estimation of mechanical properties of wood for optimization of second transformation products.
3. Segregation of wood lots by quality in industry for optimization of processes and destinations.
4. Estimation of mechanical properties of wood used in construction (building, civil works and heritage).

## Equipment classification

Demo units.

## Associated services

Sensorisation of industrial processes and smart agriculture using IoT.

**Equipment code**
N2.44

**Service code**
E.2

## Photos