

## X SPEED

X SPEED TOOL: free diagnostic and weighing filter configuration software



PC software that allows you to record the signal coming from the load cell in real time and process it by applying specific filters to remove vibrations, disturbance and noise. Indispensable to obtain precise and fast weighs in automated weighing systems.

The best solution  
for advanced industrial  
applications

## FEATURES

- Time and frequency domain signal analysis.
- Data reception at very high speed (up to 2600 readings per second).
- Automatic data acquisition based on time or weight thresholds.
- Real time signal processing.
- Application of filters of your choice, fully configurable, to remove vibrations, oscillations, peaks etc., making the weight stable and the scale reactive and performing.
- Calibration of the instrument, which includes:
  - Calibration using sample weights, with the possibility to linearize the system up to 8 points.
  - Theoretical calibration, with the insertion of the data of the system to be realized (load cells, dead load etc..).
- Archive of weighs and configured filters.

## FILTERS

- Coarse filter for the removal of signal background noise and weight stabilization.
- Fine filter to increase the reading accuracy.
- Selective filter to isolate and eliminate noise with precise frequencies.

## MINIMUM REQUIREMENTS

- Operating System: Windows 10
- Processor: 1.6 Ghz
- Ram: 4 Gb
- Free hard disk space: 250 Mb

## SUPPORTED PRODUCTS

- DGT4X Series

## XSPEED TOOL

- Free download from the Download section.

# DETAIL 1

The screenshot shows the 'Scale' interface of the XSpeed Tool. At the top, the current weight is displayed as 0.0 g. Below this, the tare and gross weights are both shown as 0.0 g. The interface includes a sidebar with navigation options: Analysis, Scale, Check, and Settings. The main area is titled 'Scale' and features two modes: 'Junction box mode' and 'Independent channels mode'. A diagram illustrates the scale's connection to a computer. Below the mode selection, there are buttons for 'Start calibration' and 'Set mode'. The interface is divided into three columns: 'Scale settings', 'Adjustment', and 'Theoretical adjustment'. The 'Scale settings' column includes fields for Unit (g), Max (20000), and Resolution (0.1). The 'Adjustment' column has 'Capture' buttons for 0.00, 0.0004 mV/V (43248 ADC), 0.0048 mV/V (123180 ADC), and 0.048 mV/V (1231800 ADC), along with an 'Add point' button. The 'Theoretical adjustment' column includes fields for Load cells capacity (1000.0), Load cells output (200000), Input dead load (50), and Capture dead load (Zero), with a 'Set data' button. At the bottom, there are 'Send' and 'Receive' buttons. A sidebar on the left provides device information: Device ID: 016951F8, Serial No.: 429467296, and Release: 01.14.00.

# DETAIL 2

The screenshot shows the 'Settings' interface of the XSpeed Tool. The top section displays the current weight as 0.0 g, with tare and gross weights also at 0.0 g. The sidebar on the left has 'Settings' selected. The main area is titled 'Settings' and is divided into three sections: 'Language', 'Communication settings', and 'About XSpeedTool'. The 'Language' section lists options: Chinese, Deutsch, English (selected), Español, Français, and Italiano. The 'Communication settings' section includes a 'Port' dropdown set to 'COM6' and a 'B' dropdown set to 'None'. The 'About XSpeedTool' section provides software details: Software release 1.07.01, License No. 1, Release date 05/05/2021, Expiry date 05/05/2021, and Author Del Agno S.r.l. A 'Ok' button is located at the bottom right. The sidebar on the left provides device information: Device ID: 016951F8, Serial No.: 429467296, and Release: 01.14.00.



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