

XSPEED

XSPEED TOOL: 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

DETAIL 1



1:08:00 XSPEED TOOL

Analysis
Scale
Settings

1001 kg
TARE 0 kg
GROSS 1001 kg
MAX 10000 kg e 1 kg

Scale

junction box mode independent channel mode

Scale settings

Unit	kg	0 0	Calibrate	1.9640 mV/V 15217.1 ADC
Max	10000	1 1000	Acqu Coast	1.2708 mV/V 2617.7 ADC
Resolution	1	+ Add point		
Number of channels	1			

Theoretical adjustment

Load cells capacity	kg
Load cells output	mV/V
Input dead load	kg
Capture dead load	Zero

Set data

Store Send Receive

Device
Serial No. 761120142
Release

DETAIL 2



1:20:01 XSPEED TOOL

Analysis
Scale
Settings

1001 kg
TARE 0 kg
GROSS 1001 kg
MAX 10000 kg e 1 kg

Settings

Language

- 中文
- Deutsch
- English
- Español
- Français
- Italiano

Communication settings

Port COM18

Id 1

Set data

Store Send Receive

Device
Serial No. 761120142
Release

XSpeedTool® (2020) Licenza 1-14629-0200-0102-2128

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