

DS-7 for turn-key R&D Applications



DEWETRON customers in the R&D world don't want to write software, or run on LINUX - they just want a turn-key software application that can be used within minutes. DEWESoft™ (DS-7 for short) is a great package that perfectly supports most DEWETRON hardware.

Runs under Windows

DS-7 was written specifically for Windows, and does not run on any other operating system. But that's perfectly fine for test and measurement specialists in the research sector. Data acquisition systems used in this sector are typically used for something different all the time, and flexibility is more important than long-term stability.

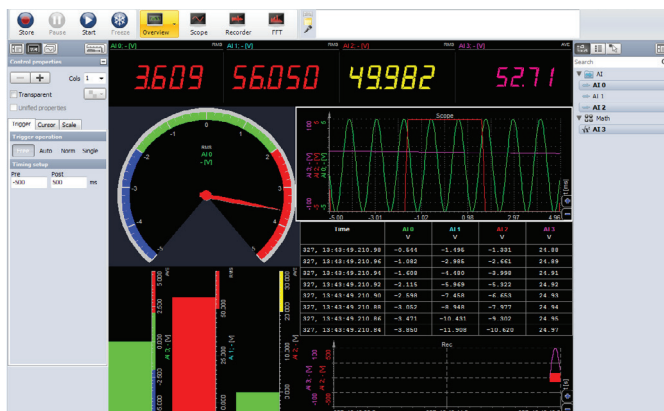
The feature set provided by DS-7 is truly impressive. You can acquire high speed (dynamic) data from DEWETRON ORION and TRION series hardware (plus all of our signal conditioners), as well as hundreds of channels of asynchronous data from CAN, ARINC, 1553, SERIAL, and more.

Easy visualization

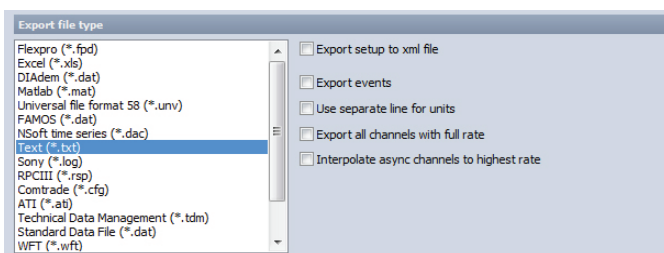
One of the most popular aspects of DS-7 is how easy it makes it for you to arrange the screens just the way that you like them. It provides recorder graphs, scopes, analog and digital meters, 2D and 3D graphs, tabular displays, text objects, X-Y graphs, and more. Place them in any arrangement and assign the channels into them that you want. DS-7 makes that very fast and easy. The entire setup is saved, so you can create countless configurations and recall them in a matter of seconds.

MATH functions

DS-7 includes a rich set of pre-made MATH functions that you can apply to your data DURING recording, or AFTER recording. These include programmable filters, integration, FFT analysis, and so much more. When the computer is not powerful enough to handle what you want to do in real-time, you can set any or all of the MATH functions to be processed after recording. DS-7 is not as powerful as a real analysis tool such as Flexpro or Matlab, but it's pretty darn good for the money.



CH	UNIT	NAME	AMPLIFIER	PHYSICAL VALUES	UNIT	SETUP
0	Used	MDAQ V IN1C		-120.02 / 120.49 V		Set ch. 0
1	Used	MDAQ V IN1C		0.00	UVI	Set ch. 1
2	Used	MDAQ V IN1C		18.22 / 18.25 V		Set ch. 2
3	Used	MDAQ V IN1C		75.63 / 80.05 V		Set ch. 3
4	Used	MDAQ V IN1C		11.30 / 11.44 V		Set ch. 4
5	Unused	MDAQ V IN1C		0.00	UVI	Set ch. 5
6	Unused	MDAQ V IN1C		-109.66 / 109.66 V		Set ch. 6
7	Unused	MDAQ V IN1C		12.48 / 12.48 V		Set ch. 7
8	Used	MDAQ V IN1C		0.00	UVI	Set ch. 8
9	Used	MDAQ V IN1C		19.99 / 16.49 V		Set ch. 9
10	Used	MDAQ V IN1C		-120.07 / 120.49 V		Set ch. 10
11	Used	MDAQ V IN1C		-112.96 / 112.77 V		Set ch. 11
12	Used	MDAQ V IN1C		22.70 / 22.15 V		Set ch. 12
13	Used	MDAQ V IN1C		-113.75 / 113.47 V		Set ch. 13
14	Used	MDAQ V IN1C		12.00 / 11.98 V		Set ch. 14
15	Used	MDAQ V IN1C		-120.07 / 120.49 V		Set ch. 15



Exporting and Printing

A wide variety of export filters are included, for all of the most popular analysis tools - even Excel! And you can print your data in full color to any attached Windows printer, or to a PDF document that can be printed from another computer.