

Armfield and Washington State University Partner to Create New Engineering Teaching System

RINGWOOD, ENGLAND, July 4, 2013 /EINPresswire.com/ -- [Armfield](#) and Washington State University have joined forces to develop a brand new teaching system that can deliver results in a way that engages students and encourages them to investigate advanced engineering topics!

There can be no doubt that inspiring students to take up careers in Science, Technology, Engineering and Maths is very important and vital to the future. At Armfield we believe the solution to the issue, is to promote exposure in these core areas to students at a younger age. However, finding a way to teach these advanced subjects in a way that can be engaging, highly visual and stimulating to younger students has proved to be rather challenging...until now!

Desktop Learning Modules ([DLMX](#)) are small, robust, [highly visual teaching systems](#) that can be used in a number of ways to promote engineering subjects Heat Transfer, Thermofluids and Fluid Mechanics. The system can be used to perform demonstrations to a whole class, but equally is simple and robust enough that students could use them in groups or even operate them individually.

The system comprises a base unit DLMX and seven different cartridges (DLMs), each covering a unique engineering discipline. The cartridges are a simple push fit, making them easy to interchange in seconds and without supervision. The base unit recognises the different cartridges, thanks to a smart chip and displays all the required information on the display to perform detailed analysis. The display also features multiple language options, so the system can be used all over the world.

The DLMX system is a delightfully simple learning device that is technical enough to perform in universities and college laboratories. However, it is also highly visual and interesting enough to be used in schools captivating younger students and encouraging them to study further.

The units are battery operated and feature a water reservoir, pump, controls and display. This enables the unit to operate in any space and without the need to be powered by mains electricity.

The available cartridges cover a range of engineering subjects and more are planned for release at a later date. To start the DLMX will launch with the following cartridges.

Cross Flow Heat Exchanger (DLM1)
Fluidised Bed (DLM2)
Orifice Plate (DLM3)
Shell and Tube Heat Exchanger (DLM4) *two DLMX base units are required
Tubular Heat Exchanger (DLM5) *two DLMX base units are required
Energy Losses in Hydraulic Systems (DLM6)
Venturi System (DLM7).

The DLMX teaching system is unlike anything else currently on the market and is affordable for any university, college or school wishing to enhance its curriculum to encompass engineering subjects. With simple operation and a highly visual display this modern teaching system can inspire students to become the next generation of engineers.

For more information on this new range including links to a promotional video:

<http://www.armfield.co.uk/dlmx-en>

Press release courtesy of Online PR Media: <http://bit.ly/1aG79wr>

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This press release can be viewed online at: <https://www.einpresswire.com/article/157306013>

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