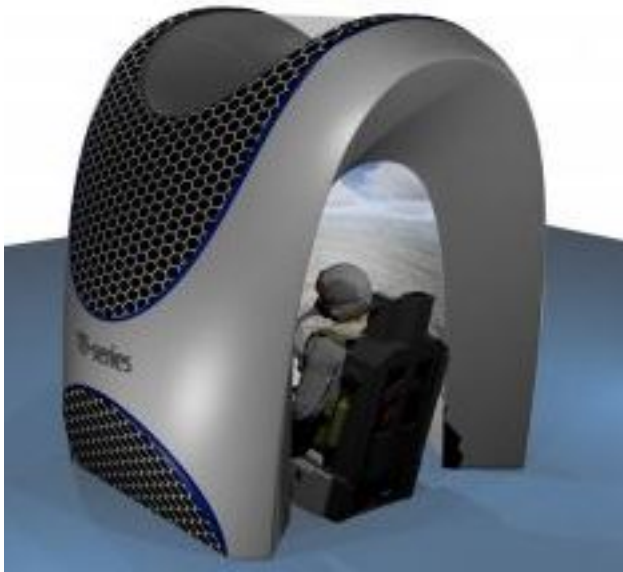


Barco Develops Portable Simulation Dome

Written by rAVe USA
22 January 2015

Barco introduces **a range of dome displays for the training and simulation market**. Using high-tech screens and optics, and lightweight support structures, Barco says these new simulation domes are easy to transport and to set up. Available in different configurations, with varying number and type of projectors, the TD series brings simulation to any location.



The new TD series are basically transportable domes have been developed for fast deployment with an absolute minimum of adjustment and can fit and operate in a standard ISO container.

The TD series is available in configurations with one, three or five specialized projectors, all with a diameter of 2.3 meter. The flagship model is the five-channel TD-522 with F22 projectors, covering a HFOV of 220° and a VFOV of +54 to -42.5°.

The one-projector models have a horizontal field of view (HFOV) of 160° and a vertical field of view (VFOV) of +54° to -42.5°. The available models are the TD-135 (powered by a Barco F35 projector) and the TD-150 (with a Barco F50) which use just a single projector combined with an advanced optical mirroring system to minimize the installation and adjustment time.

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The TD-322 and TD-350 use three F22 or F50 projectors respectively. The HFOV amounts to 180°, the VFOV is +54° to -42.5° (for the TD-322) and +43° to -30.5° (TD-350) and the system resolution can be as low as 5.6 arcmin/OLP.

Also, please note: while Barco has announced its agreement to divest its Defense, Aerospace & Training (DAT) division to the aerospace and defense group **Esterline**, the TD Series is expected to be on show at ISE 2015.

Go [Barco's TD Series](#)