

SpectraQuest introduces the Shaft Alignment Trainer (SAT)

- *Hands-on device for teaching shaft alignment*
- *Calibrated parallel and angular misalignment can be easily introduced*
- *Practice and learn different shaft alignment methods using dial indicators or lasers.*
- *Recognize and correct soft foot and sprung foot conditions*
- *Portable, robust and modular design for easy customization*
- *Available in two-train or three-train configuration*
- *Various application specific option kits and combination packages are available*



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SpectraQuest introduces the Shaft Alignment Trainer, the most comprehensive device on the market for shaft alignment training. It is designed for studying a wide variety of problems that can arise when two shafts are misaligned. It is a hands-on trainer for maintenance professionals and students. It provides a unique mechanism for studying soft and sprung foot. It is a realistic simulator with a one inch diameter shaft that fits standard couplings. Its modular design facilitates simulation of multiple element drive trains. The SAT is available in a two train and in a three train configuration. Each SAT incorporates two fully adjustable modular units featuring horizontal jack bolts, calibrated and reference dials, and replaceable feet. The three train SAT adds a fixed module which simulates a non-adjustable machine, but, the shaft can be offset and axially floated.

The SAT system is robust, portable, and simple to use. The device has ample space to mount dial indicators and laser heads for alignment training. The innovative design makes it easy to extend the base to accommodate additional main modules for simulating multiple machine element trains. It also comes with a training book and complete operations manual & videos to assist with exercises and learning. The SAT is available in various combination packages providing all the components necessary for a turnkey training system. Please download the brochure at <http://www.spectraquest.com/resources/downloads/> for more details.

About SpectraQuest

SpectraQuest is a leading developer and manufacturer of turnkey systems and products for enhancing reliability of rotating and reciprocating machinery. These products are ideal platform for research and education in machine fault diagnosis/prognosis, teaching dynamics and vibration courses, and wind turbine drivetrain studies. The distinguishing feature of SpectraQuest is a wide variety of Machinery Fault Simulators and Custom Designed Test Rigs which are sold in over forty five countries around the world. Further information is available at <http://www.spectraquest.com/>.

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