Faster 3D Printing Support Removal of Wider Range of Materials

PADT ships a new generation of their popular Support Cleaning Apparatus product used to remove soluble supports from 3D Printed parts created using Stratasys Fused Deposition Modeling systems.

TEMPE, Ariz. - April 2, 2015 - *PRLog* -- **Phoenix Analysis & Design Technologies, Inc.** (PADT, Inc. (http://www.padtinc.com/)), the Southwest's largest provider of simulation, product development, and rapid prototyping
services and products, is pleased to announce the release by Stratasys, Ltd. (SSYS) of the new SCA-1200HT support removal system. This new system is designed, manufactured, and supported by PADT and sold exclusively by Stratasys, Ltd for use with their Mojo, uPrint, Dimension, and Fortus Additive Manufacturing systems, also known as 3D Printers.

The SCA-1200HT is an improved design based on the successful SCA-1200 that has been in use around the world since 2008. The new system features four preset temperature levels for use with a wider range of materials including polycarbonate and nylon. It also includes a proprietary custom pump with longer life, simpler repair and maintenance, and an overall lower operating noise level. The controls, lid, and parts basket have been ergonomically redesigned while the internal systems have been simplified and made easier to replace by the user or local support provider.

Rey Chu, co-owner of PADT and the person behind the SCA line of products said "With over 6,700 of our previous systems in the field, we gathered a wealth of knowledge on performance and reliability. We used that knowledge to design a system that cleans parts faster, is easier to maintain, and gives a much better user experience. The hands-off support removal provided by Stratasys' Soluble Support Technology and PADT's SCA is a huge advantage to people who use FDM technology for their 3D Printing. With the SCA-1200HT that advantage just got larger."

Once parts are printed, users simply remove them from their Stratasys system, place them in the SCA-1200HT, set a cleaning time and temperature, and then walk away. The device gently agitates the 3D

Printed parts in the heated cleaning solution, effortlessly dissolving away all of the support material. This process is more efficient and friendly than other additive manufacturing systems using messy powders or support material that must be manually removed.

More information on the system as well as a video showing how the SCA-1200HT works is available at www.supportremoval.com. Those interested in acquiring an SCA-1200HT should contact their local Stratasys reseller.

Phoenix Analysis and Design Technologies, Inc. (PADT) is an engineering service company that focuses on helping customers who develop physical products by providing Numerical Simulation, Product Development, and Rapid Prototyping products and services. PADT's worldwide reputation for technical excellence and an experienced staff is based on its proven record of building long term win-win partnerships with vendors and customers. Since its establishment in 1994, companies have relied on PADT because "We Make Innovation Work." With over 75 employees, PADT services customers from its headquarters at the Arizona State University Research Park in Tempe, Arizona, its Littleton, Colorado office, Albuquerque, New Mexico office, and Murray, Utah office, as well as through staff members located around the country. More information on PADT can be found at www.PADTINC.com.

Contact
Eric Miller
***@padtinc.com

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